

The
CHEMIST AND DRUGGIST

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THE BEST OR NOTHING STANDARDS

Roger & Gallet appeal for the preservation of a fine old Tradition

THE ideal of aristocracy has suffered because in an age of compromise it admits of no half measures ; its standard is the best or nothing.

That is the standard of the luxury trades ; to lower it is to admit defeat. Yet an era of prosperity followed by one of sharply diminished buying power has seen many standards lowered before the onset of cheapness and mass production. Ivory, apes and peacocks—almost everything of rare tradition has been brought within the reach of the million by ingenious imitation. Silks, furs, and leather ; gold, amber, and ivory ; even pearls and diamonds have lost caste through the multitude of their imitators. Yet luxury trade stands or falls by its integrity. It must be the best or nothing ; to use second best or imitation is the negation of all that luxury implies. And just as there remains a discriminating class of connoisseurs and people of taste, so there must remain a luxury trade which can be counted upon to remain true to that same aristocratic tradition.

Until lately the perfumery trade has resisted the forces of imitation—above all other cheap things is cheap scent an abomination—but some of the defences are beginning to fall.

Eau de Cologne is now sold at a price which would not allow the conscientious perfumer to buy the pure spirit with which it is prepared. It is obvious that the value of a perfume lies in the quality of its essences and the quality of the solvent spirit. In essences there are many grades, according to the selection of the flowers distilled and the purity of the resulting essential oil.

Similarly, the pure spirit, SPIRITUS VITAE RECTIFICATUS, known as S.V.R., which was

always used in the manufacture of scents, is now burdened by duties to the extent of £6 3s. 5d. a gallon. Cheap industrial spirits are for the present duty free and cost only about 2s. a gallon. They are not, like S.V.R., tasteless and odourless, but have a smell which has to be concealed. Nevertheless, they are being used to take the place of S.V.R., thereby entirely defeating the essential aim of the luxury trade—to produce something quite first-class. For no good perfume, however high the quality of the essences used, can be made at present with any solvent but S.V.R.

As experts, we, Roger and Gallet, hold this view ; and we have examined and tested most of the marketed preparations made with industrial duty free spirits. This test confirms our opinion. We are manufacturers of perfumery DE LUXE ; and by luxury we mean, as we have tried to explain, not ostentation, but the tradition of aristocratic integrity. Our prices are not low : genuine and good perfume cannot be made cheaply. But we give our patrons the full guarantee that all our products, our Eau de Cologne and our perfumes, are prepared with the best and purest spirit, the dutiable S.V.R., and not with methylated or other industrial spirits known as duty free.

WE INTEND TO ABIDE BY THE PRINCIPLES THAT HAVE MADE OUR REPUTATION.

LUXURY is a necessity for people of quality.

LUXURY is a proof of personality.

LUXURY is a refusal to accept what is common.

LUXURY is an indication of refinement.

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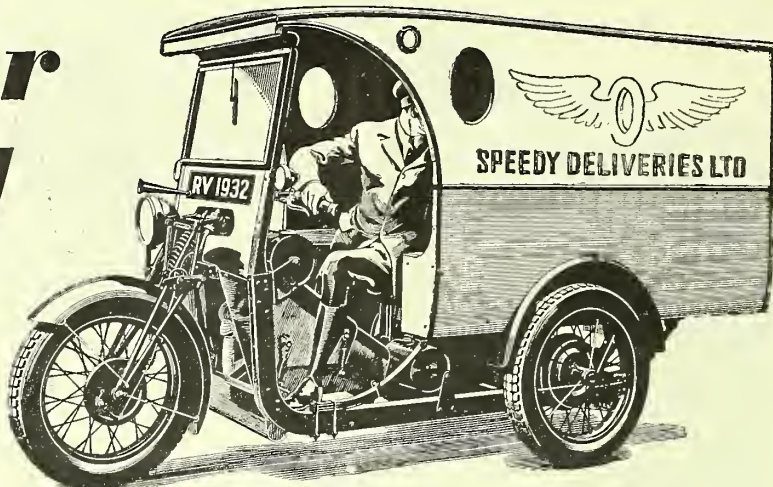
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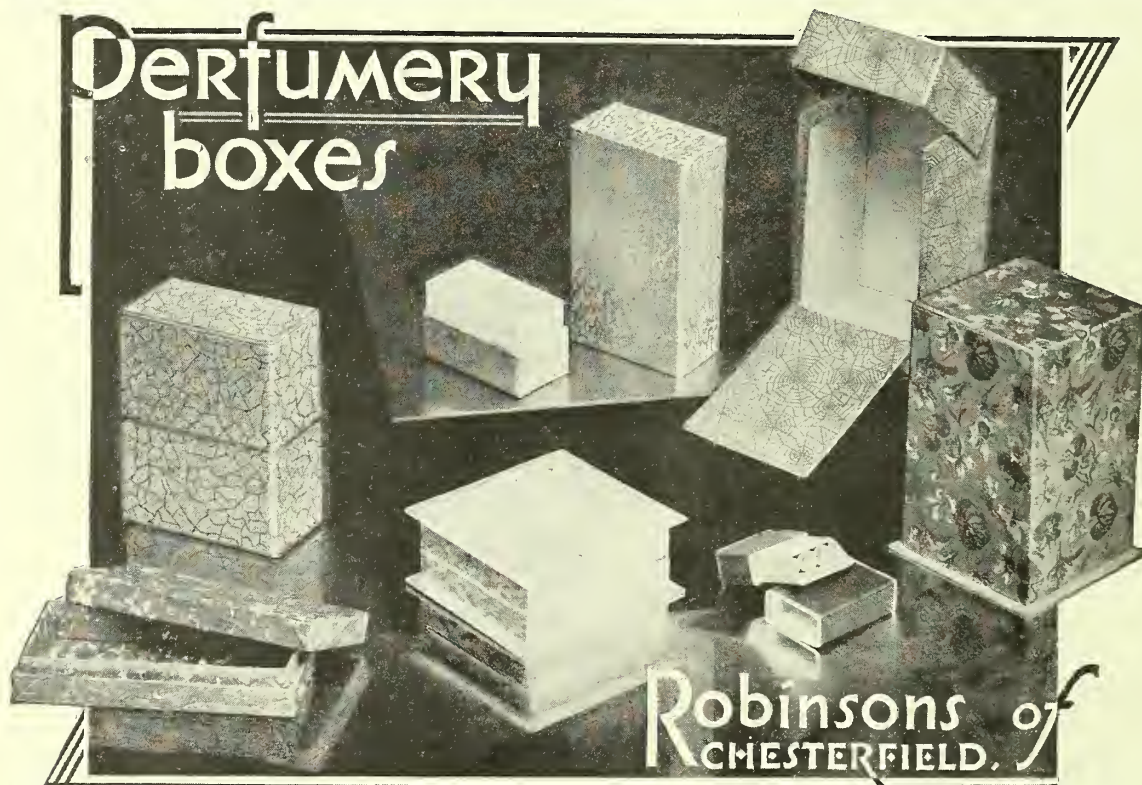
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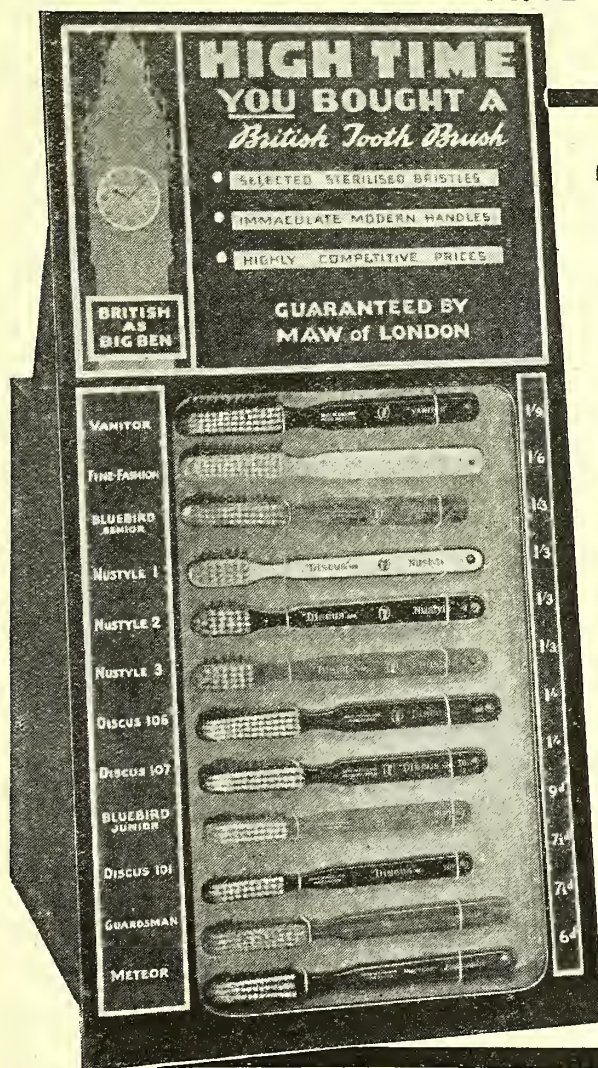
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MEDICINAL
PREPARATIONS

CREAM
OF
MAGNESIA
with MENTHOL
FLAVOR

BRONCHIAL
LOZENGES

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THE
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PREPARATIONS

Radiate & Renew
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COLD
INFLUENZA
MIXTURE

COLD
INFLUENZA
MIXTURE

NERVE
TONIC

NERVE
TONIC

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LEMON-HONEY
& GLYCERINE
with Ipecac & Syrup



LAXATIVE
TABLETS

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RAYGLO

Series

PREPARATIONS

- CREATE
- GOOD HEALTH
- AND ALSO
- GOOD BUSINESS
- IN BAD TIMES

CUPALL^{TD}

MANUFACTURING CHEMISTS, BLACKBURN

*If the public want to
pay 1/6 for an always
British Liniment, ———*

—why ask it more?

—when your profit is less!

P.K.L. (PAIN KILLING
LINIMENT)

Asks you to accept a

CHEQUE

10/-

FOR

TEN SHILLINGS

10/-

(CHEQUE IS SENT WITH INVOICE FOR GOODS)

in consideration of your giving a Window Display and
placing an order for SIX DOZEN of P.K.L.

**BONUS QUANTITY THIRTEEN TO DOZEN
ON ALL ORDERS OF 3 DOZEN UPWARDS**

**P.K.L.
ENJOYS
AN
ENORMOUS
SALE**

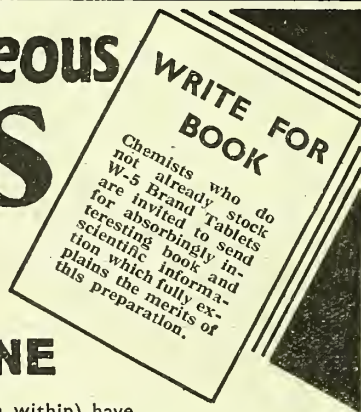
P.K.L. sells to the Public P.A.T.A. 1/6
It costs you 12/- per dozen, 144/- per gross
BONUS thirteen to dozen for 3 dozen lots
Cheque for 10/- for six dozen order and
window display
No need of postcard claiming bonus cheque
No need to notify display date
No inspection of display
PLENTY OF DISPLAY MATERIAL

**FINE
DISPLAY
SCREEN
FOR
WINDOW
SHOW**

AYRTON, SAUNDERS & CO. LTD., LIVERPOOL



Great & Instantaneous SUCCESS OF THIS EXCLUSIVE & MOST PROFITABLE LINE



W-5 Brand Tablets (for the rejuvenation of the skin from within) have during the past few months proved conclusively that an article of substantial merit will always sell readily, even though it be not in the low-price class. W-5 Brand Tablets do not compete with other lines, and are well advertised in the leading papers appealing to women.

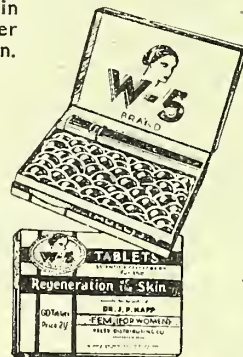
W-5 BRAND TABLETS OPEN A NEW ERA IN THE TREATMENT OF THE SKIN

This preparation embodies a new scientific principle and is the first to influence the skin biologically from within, thus restoring it to health and beauty. This new discovery is the topic of the day wherever women forgothar.

Supplies can be obtained from wholesale houses or from :

GELTY DISTRIBUTING CO.
158-162 OXFORD STREET, LONDON, W.1

Literature and show material supplied free.



The original combined Cream and Powder VELOUTY de DIXOR



The advertised line that you are asked for.

NOW ON P.A.T.A.

Samples free upon receipt of trade card or billhead.

PRICES :—No. 1. Handbag tube	3/- doz.	Retail -/4½
No. 2. Small tube	4/- "	" -/6
No. 3. Medium tube	7/- "	" 1/-
No. 4. Large tube	14/- "	" 2/-
No. 5. Super tube	22/- "	" 3/-
Pots (glass)	21/- "	" 2/9
Pots de luxe (unbreakable)	36/- "	" 4/6

Made in four shades :

WHITE, IVORY, NATURAL and OCHRE.

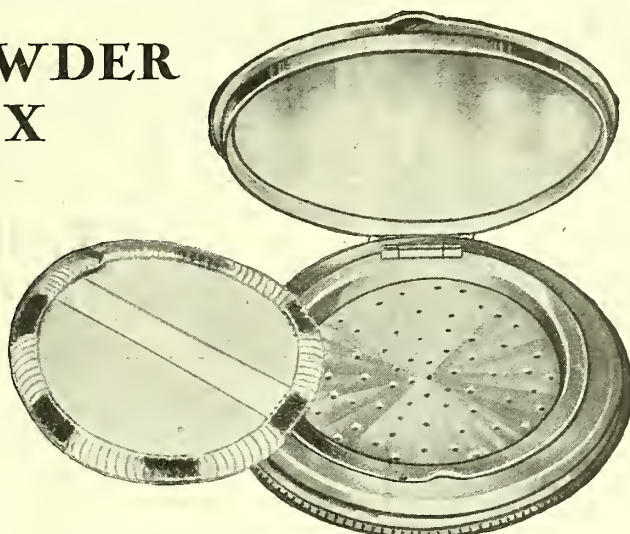
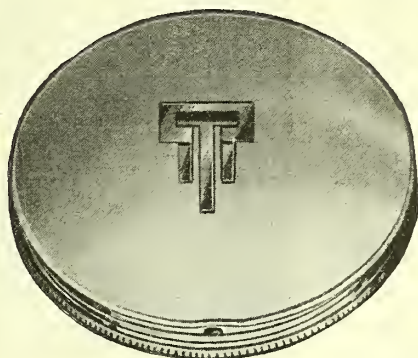
Obtainable from your regular Wholesaler or direct from the Manufacturers :

DIXOR, LTD., 68, Newman St., Oxford St., London, W.1

Sole Distributors for

Northern Ireland : ROBERT MAYRS & CO., 43 Chichester Street, BELFAST
Irish Free State : MAY, ROBERTS & CO. LTD., Grand Canal Quay, DUBLIN

OUR NEW POWDER SIFTER BOX



NEW FEATURES that make it The Perfection of Simplicity.

To REFILL simply open inner hinged lid. To OBTAIN SUPPLY turn flanged bottom.

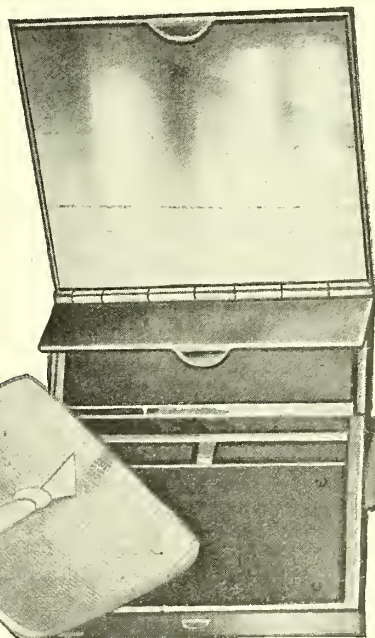
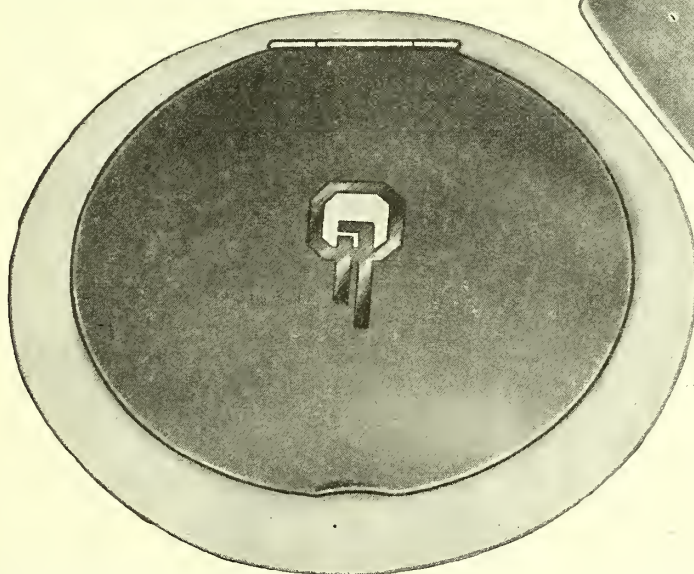
There is no sifter on the market that presents such ease of manipulation.

Beautiful gilt finish and enamelled in various shades and designs; inset mirror and dainty silk pad—most attractively boxed. 24/- per dozen (illustrated above.)

A simple form of powder box—finely finished in nickel; uniform with above in respect to enamelling, shades, design, inset mirror and pad. 27/- per dozen (illustrated on right.)

THE BOUDOIR POWDER BOX.

Combines simplicity and grace. In fine all-enamelled finish; in various shades and sizes to suit dressing table, as well as vanity bags. Medium size 42/- per dozen (illustrated below.)



Prices of other sizes on application.

FROM WHOLESALE HOUSES OR
DIRECT FROM IMPEX.

THE IMPEX CO.
60 & 61 Chiswell Street,
E.C.1

Telephone: Metropolitan 3050.

DeVilbiss

PERFUME SPRAYS

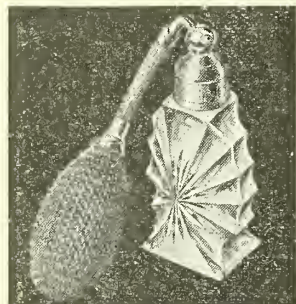
With the rapidly increasing vogue among women for the use of more perfume a DeVilbiss Spray is a highly prized toilet requisite. DeVilbiss Sprays are chosen not only for their beauty of colour and design but also for their superb quality and dependability.

The new DeVilbiss line includes numbers to fit every taste and at prices to fit every pocket. DeVilbiss Perfume Sprays sell on sight—in colour, design and finish they are unrivalled—and the profit to the retailer is generous. Order supplies now for your Christmas display.

Sole Distributors in the
United Kingdom—

**AEROGRAPH
CO. LTD.**

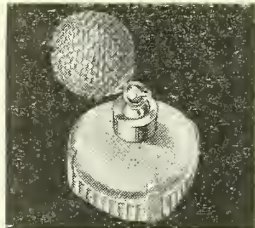
43 Holborn Viaduct,
LONDON, E.C.1



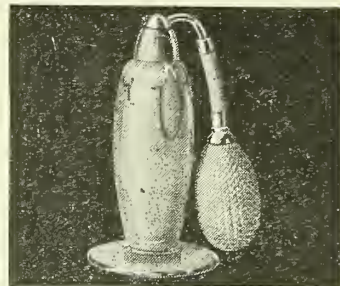
L.S. 22 Crystal Cut, Chromium or Gold-plated, 54/- dozen.



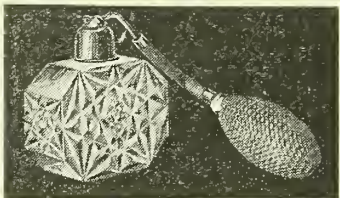
S 100-7 Blue and Platinum—8 Black and Platinum—9 Green and Gold, 72/- dozen.



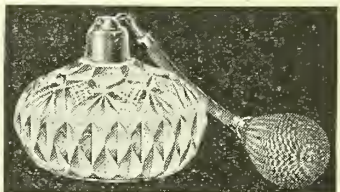
S 50-6 Peach Bloom—5 Green—4 Orchid, 36/- dozen.



S 150-5 Green—3 Blue and Cut—4 Black and Cut—6 Peach Bloom and other attractive models, 100/- dozen.

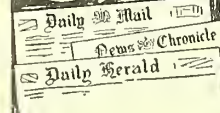


L.S. 34 Crystal Cut, Chromium or Gold-plated, 60/- dozen.



L.S. 61 Crystal Cut, Chromium or Gold-plated, 90/- dozen. CVS—49

6,000,000



PEOPLE

Order a stock TO-DAY
and make sure you do
not disappoint any
of YOUR Customers.

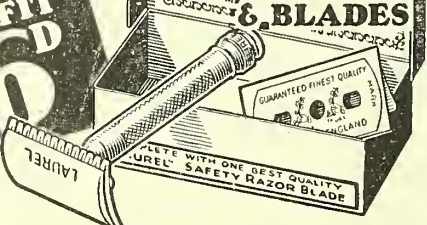
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LAUREL razors & blades

**ARE YOU
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**1 1/2^d
EACH**
Per packet
of four **6^d**

**COMPLETE
OUTFIT
6^d**



Geo. H. Lawrence, Ltd., Laurel Works, Nursery St., Sheffield

Silk's

ONE DROP PERFUME

VERY handy for
a lady's bag,
convenient to
use.

Sells at sight
if shown on
counter. Good
profit, satisfied
customers and
repeat orders.
1/6 size 12/- doz.
2/6 size 18/- doz.



SILK'S TOILET Co., 8 & 9 Red Lion St., London, W.C.1

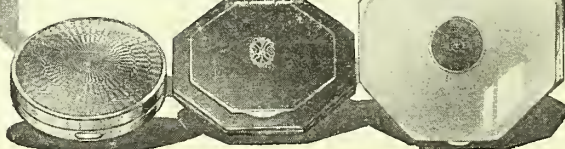
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ALL-BRITISH
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A large variety of exquisitely
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Silver, Enamel, Lacquer

From all Wholesalers.

Blackmore, Howard & Methereil,
LIMITED
53 Hatton Garden, London, E.C.1

**VOGUE
VANITIES**



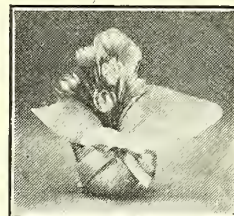
Particularly Attractive
LAVENDER SACHETS
With Beautiful Artificial Flowers



Each in Fancy Presentation Box

**A WONDERFUL
XMAS LINE!**

*A Seasonable Greeting Card enclosed in
each Box*



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CARNATION

MARGUERITE
LILAC

CORNFLOWER
CROCUS

CLEMATIS
FUCHSIA

HYACINTH
SWEET PEA
ETC.

Write for Special Christmas Price List, beautifully illustrated

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**ANOTHER
JACKEL'S HAIR CREAM**

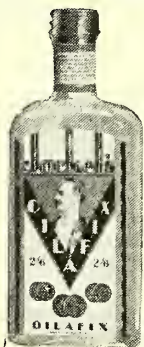
To meet a widespread demand we are now marketing a new preparation named Oilafix. It is merely our well-known non-greasy Hair Cream with added oil. Oilafix does not compete with Jackel's Hair Cream—but you should stock both. Many customers to-day demand an oil Cream.

Both are the best of their class—
The original and leading Creams.

OILAFIX Trade Terms :
 12/- per doz., retailing at 1/6 per bott.
 20/- per doz., retailing at 2/6 per bott.

JACKEL'S HAIR CREAM
 11/6 per doz., retailing at 1/6 per bott.
 18/- per doz., retailing at 2/6 per bott.

JACKEL et CIE (of Paris) Ltd.
 GLASGOW, C.2



There's
**SAFETY IN
 SELLING
 NUCTONE**

Customers who purchase hair-dye from you expect it to be absolutely safe in use. You can recommend Nuctone to your best customers with perfect confidence. One sale brings many more in its wake—stock and sell Nuctone for profit and prestige.

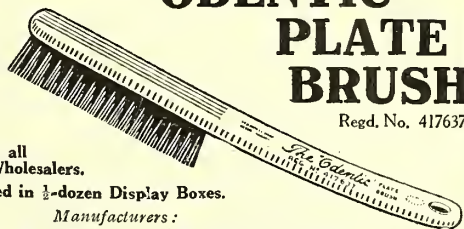
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Nuctone
SAFE FOR GREY HAIR

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 PLATE
 BRUSH**

Regd. No. 417637.



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J. LESQUENDIEU

THE WORLD-RENOWNED FACE CREAM

NATIONALLY ADVERTISED

LA REINE DES CRÈMES.....	Hand-Bag Tubes	Wholesale 4/- per doz.	Retail 6d.
LA REINE DES CRÈMES.....	No. 1 Tubes.....	10/- „ „	1/3
LA REINE DES CRÈMES.....	No. 2 Tubes.....	16/- „ „	2/0
LA REINE DES CRÈMES.....	No. 1 Pots	14/- „ „	1/9
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LA REINE DES CRÈMES.....	No. 3 Pots	26/- „ „	4/6

*GIFT OFFER

*A SPECIAL GIFT is about to be advertised in the National Press and popular publications commencing OCTOBER 15. For every pot of LA REINE DES CRÈMES No. 2 (2/6 size) we are giving a generous free sample of the famous LA REINE DES CRÈMES FACE POWDER. Every customer who buys a 2/6 pot of LA REINE DES CRÈMES will be entitled to this gift. Your customers will ask for it.

BE PREPARED

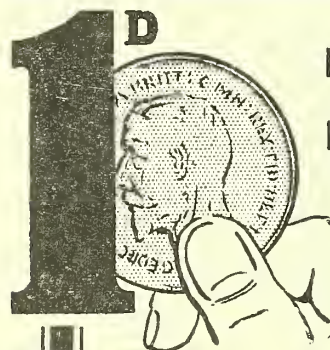
INSIST ON BEING SUPPLIED WITH A BOX OF LA REINE DES CRÈMES FACE POWDER WITH EVERY 2/6 POT YOU ORDER. (This must be passed on to the customer.)

SAMPLE TUBES for FREE distribution as advertised supplied direct to the Trade only through Sole Agents :

CALMON & NEATE, LTD.

8 GERRARD STREET, LONDON, W. I.

'PHONE
GERRARD 3972



HAVE YOU
HAD YOUR
BONUS
PARCEL

—OF—

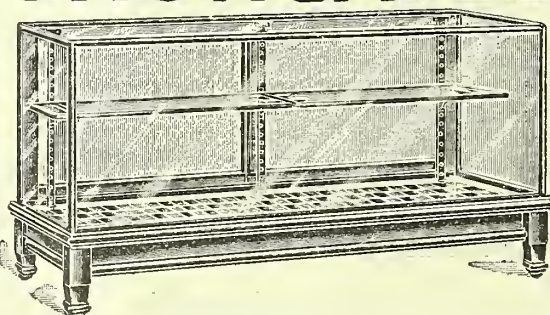
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PAM is the only (compressed) penny Sanitary Towel individually wrapped. PAM will put "new life" into your Sanitary Pad sales . . . repeat business that will show 50% Profit on Cost. Write to-day for details of Trade Bonus Offer. Sell PAM—there is a better profit to be made.

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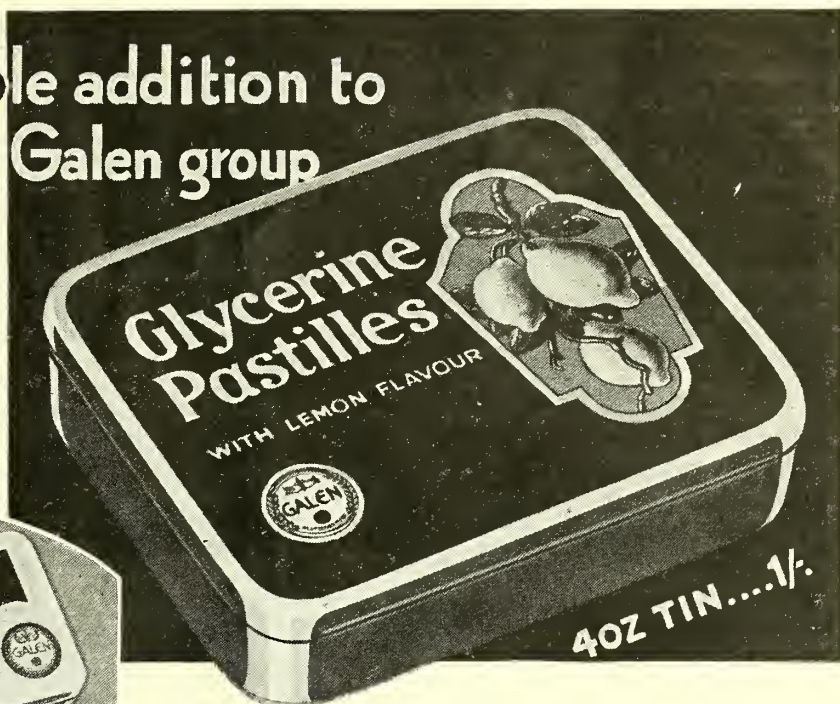
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GLYCERINE PASTILLES with Lemon Flavour :

The old time favourite soother of tired and sore throats—glycerine and lemon. This new Galen pastille is recommended for the purity of its ingredients, convenient packing and reasonable retail price of 1/- per 4 oz. tin.

CINNAMON LOZENGES : An effective lozenge highly medicated with the purest oil of cinnamon. 6d. per tin.

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Manufactured by
THE GALEN PRODUCTS CO., LTD., STOCKPORT

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Make OLD, FADED or SPLASHED STOCKINGS of any material like NEW again.

Smartly packed in Waxed Tubes and Cartons. Supplied in 12 Latest Stocking Colours :- Copper Beech, Suntan, Nude, New Brown, Beige, Bulrush, Cocoa, Florence Mills, Rose Glow, Smoke Grey, Dago, Gunmetal. Price 2/- per dozen. Retail 3d. per Tube. Very attractive Display Case free with one gross. Order to-day from :-

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THE FINEST OBTAINABLE for WOOL, SILK, COTTON, etc.

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The selling has been done before the mother reaches the chemist, and, having supplied her, it is only common sense to claim she will buy other family necessities from him. Moreover, the continuous demand for it produces a quick turnover.

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The Clarocit Autumn Campaign is designed to increase the popularity of Clarocit with the British Public. Every advertisement invites the Public to buy Clarocit from Chemists everywhere. We shall be pleased to send you attractive Bakelite Display Stands, Counter Cards and interesting Sales literature.

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110 Gt. Portland St., London, W.1

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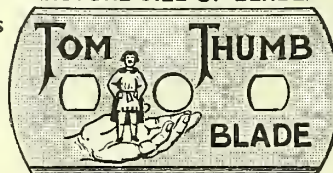
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THE GREAT "TOM THUMB"

(ACTUAL SIZE OF BLADE)

Retails at

1d.

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Retails at

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each

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Brooks, Haywood & Co. Ltd., Shiloh Works, Sheffield

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Packed or Bulk

4 oz. 6/- doz.

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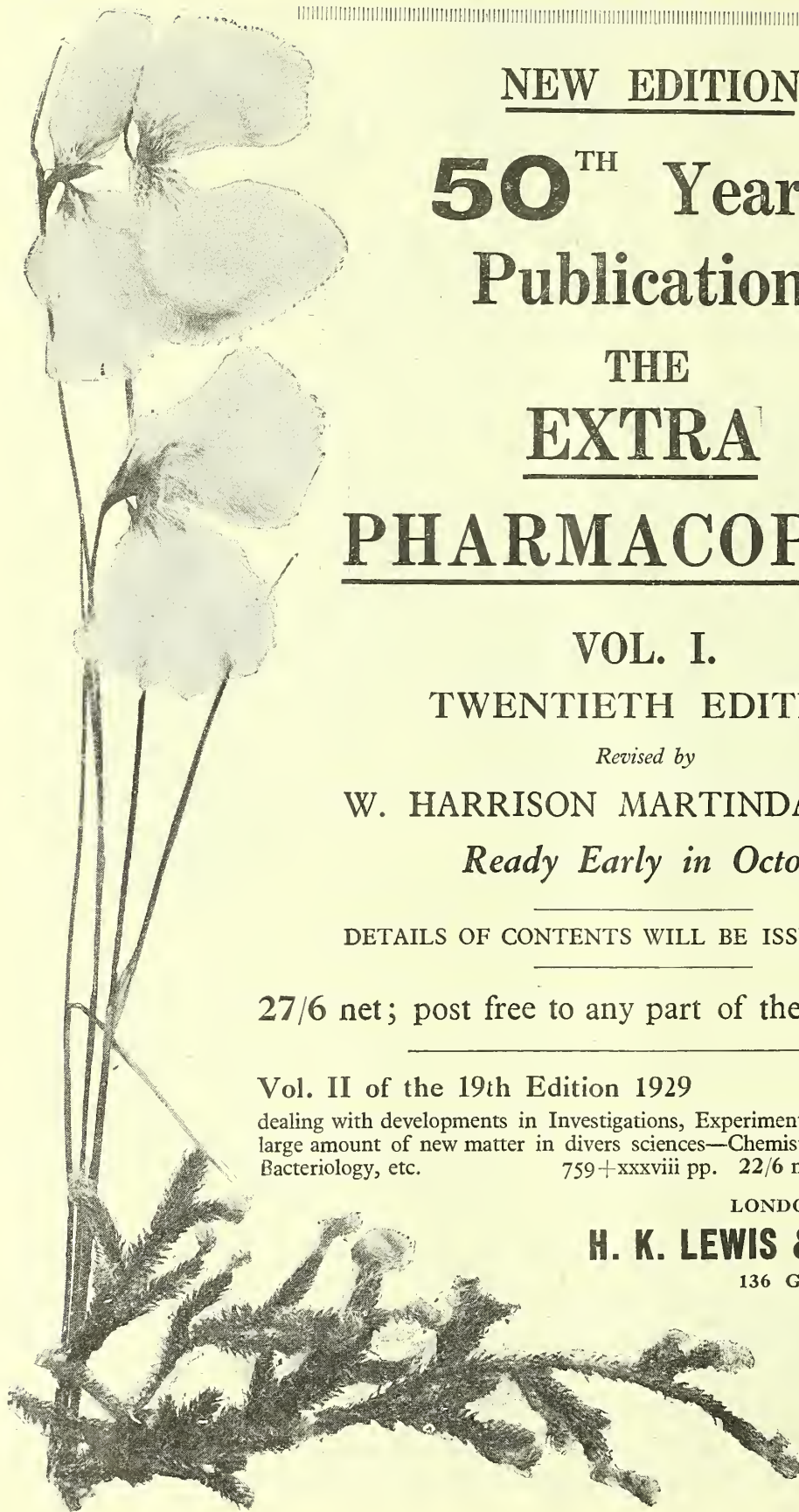
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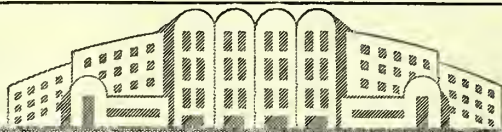
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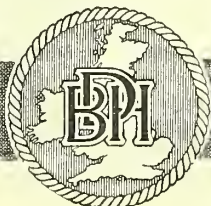
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News of the Week

Import Duties—Additions and Removals

Application has been received by the Import Duties Advisory Committee for peroxide of manganese, whether ground or granulated, to be removed from the Free List and the imposition of an additional duty. Application has also been made for tantalum metal to be added to the Free List.

Any representations which interested parties desire to make in regard to these applications should be addressed in writing to the Secretary, Import Duties Advisory Committee, Caxton House (West Block) Tothill Street, London S.W.1, not later than October 14, 1932.

The A.B.C.M. Annual Report

In their annual report, issued this week, the Association of British Chemical Manufacturers review the year's activities for the year ended May 31, 1932. The report deals with chemical exhibitions, legislation affecting the industry, fiscal policy and the Imperial Economic Conference at Ottawa. On technical matters the report deals with the subject of patents, standardisation, transport, and the fine chemical dyestuffs and tar industries.

Testimonial to Mr. Herbert Skinner

A final reminder of the complimentary dinner and testimonial to Mr. Herbert Skinner, to be held at the Criterion Restaurant, London, W.1, on October 6, has been sent us by Mr. G. F. Weiss, 180 Philip Lane, Tottenham, N.15 (telephone, Tottenham 1936). There is still time to book seats and send contributions. Mr. and Mrs. J. C. Young will receive the guests at 6.30 p.m., and a first-class music and dance programme has been arranged. It is understood that the president of the Pharmaceutical Society (Mr. F. Gladstone Hines) will propose the principal toast.

Inquests

At Northwich, on September 20, an inquiry concerning the death of Mr. Charles H. Gibson, a member of the scientific staff of Imperial Chemical Industries, Ltd., who was found dead in a local hotel, disclosed the fact that death was due to poisoning by potassium cyanide. A verdict of "Suicide while temporarily insane" was recorded.

An inquest was concluded at Lewisham, on September 20, regarding the death of Miss Bride Armann, who died in hospital. An analyst's report stated that death was due to poisoning by arsenic, of which 52 gr. was found in the organs; it was believed that the arsenic had been taken in the form of weed-killer. The verdict recorded was "Suicide while of unsound mind."

The West Somerset coroner concluded, on September 20, his inquest on the body of Mr. Arthur J. Hares, a shop manager (C. & D., September 10, p. 280). The proceedings had been adjourned for inquiries as to the source of supply of a packet containing nearly 4 oz. of arsenic found in the man's possession. It now appeared that it had been obtained by him from a wholesale firm, in the course of his business, in 1929. The coroner recorded a verdict to the effect that death was due to arsenic, self-administered, while of unsound mind.

Liverpool

Miss Nora Agnes Meyrick, daughter of Mr. Henry C. Meyrick, chemist and druggist, has been awarded a State scholarship at the recent examinations held at Liverpool University.

Mr. L. Moreton Parry, a past-president of the Pharmaceutical Society, and of the Liverpool Chemists' Association, had sufficiently recovered from his long illness to attend the conference of National Pharmaceutical Union delegates in London on September 28, and was congratulated by several friends on his reappearance.

Sheffield

Success attended the pharmacy football team in their opening match against the Yorkshire Penny Bank.

Local chemists and their assistants recently journeyed by motor coach to Leeds, where they inspected the new premises of Hirst, Brooke & Hirst, Ltd. On arrival the visitors were received by Mr. Hirst and, following a tour of the works, were entertained to tea. On the motion of Mr. C. W. Hobson, seconded by Mr. G. Thompson, a hearty vote of thanks was accorded the company for their hospitality.

Miscellaneous

SUMMER TIME ends at 3 a.m. (summer time) on October 2. Clocks are preferably put back an hour on the previous day in business houses.

POISON-LICENCE APPLICATION. — Mr. L. Clarkson, Dvington, Richmond, Yorks, has applied to the local authority for a licence to sell agricultural and horticultural poisons.

Irish Notes

Irish Free State Import Duties

Import duties on the following classes of goods, among others, are announced by the Irish Free State Government:—

Malted barley, 10s. 6d. per cwt., with a preference rate of 7s. per cwt.

Oatmeal, 15s. per cwt., with a preference rate of 10s. per cwt.

Articles of the nature of a food or medicine for internal use, for the use of horses, mules, jennets, asses, cattle, sheep, swine, goats or poultry, which pass in commerce under the designation of a proprietary or protected trade name and are prescribed in the official import lists to be entered on importation by weight, 42s. per cwt., with 28s. as preference rate.

Similar articles prescribed in the official import lists to be entered on importation by measure, 3s. 9d. per gallon, with 2s. 6d. as preference rate.

All food for the use of horses, mules, jennets, asses, cattle, sheep, swine, goats or poultry, excluding:—(a) articles liable to duties Nos. 1, 2, 3, 4, 5, 6, 7, 8 and 9 in this Schedule; (b) cotton seed in grain; (c) cotton seed cake meal, and cotton seed meal; (d) flax seed in grain; (e) linseed in grain; (f) linseed cubes, linseed nuts, linseed flakes, and linseed cake meal; (g) earth nuts, otherwise called ground nuts; (h) earth nut cake, earth nut cubes; earth nut nuts, earth nut flakes, and earth nut cake meal; (i) coconuts; (j) copra; (k) coconut cake, coconut cubes, coconut nuts, coconut flakes, and coconut cake meal; (l) palm kernels; (m) palm kernel cake, palm kernel nuts, palm kernel flakes, and palm kernel meal; (n) soya beans in grain; (o) soya bean cake, soya bean cubes, soya bean nuts, soya bean flakes, and soya bean cake meal; (p) beans in grain (not fresh) including locust beans; (q) peas in grain (not fresh); (r) fish meal, and fish meal flakes; (s) meat meal; (t) meat and bone meal; (u) blood meal; (v) alfalfa meal; (w) cod-liver oil; (x) salt. 9s. per cwt., with 6s. as preference rate.

The Irish representative of the C. & D. learned authoritatively from an official source that it is not the intention of the Government to exclude *bona-fide* veterinary medicines and preparations, few of which are manufactured in the Free State, but to allow all these classes of goods to be imported under licence. The object of including them in the orders with patent cattle, horse, poultry, and other livestock foods was to prevent the importation of these foods under the title of veterinary medicines or preparations.

Brevities

The result of the scholarships examination for apprentices in training, held by the Pharmaceutical Society of Ireland, is as follows:—(1), prize value £10 ros., Mr. H. O'Donnell, c/o Mr. George C. Hewson, M.P.S.I., Apothecaries Hall, Ballina; (2), prize value £5 5s., Miss G. Laverty, 33 Herbert Avenue, Merrion, Dublin.

Voting papers in connection with the annual elections to the Pharmaceutical Council of Northern Ireland were sent out on September 24, and are returnable to the offices of the Society before Monday, October 3. There are six candidates for the four vacancies:—Messrs. J. E. Connor, James Dundee, W. J. Hardy, John Maxwell, H. F. Moore and Fred Storey.

Sporting Events

THE annual competition for the Bowman golf cup was held by Leeds chemists on September 14 at Wetherby. The winner was Mr. A. L. Bloom, chemist and druggist, with a score of 75.

MEMBERS of the Manchester and District Pharmaceutical Golfing Society held the final meeting of the season on September 21, at Northenden Golf Course.

All the prizes won during the season were presented at this meeting, as follows:—*President's Prize* (played for at Chorlton), (1) P. W. Stuart; (2) W. J. Gardner. *Mr. Hough's Prize* (played for at Worsley), (1) W. E. Phillipson; (2) J. A. Collins. *Kerfoot Trophy* (played for at Reddish Vale), (1) W. J. Gardner; (2) S. Fletcher. *Mr. Griffiths Hughes' Prize* (played for at Buxton), (1) F. D. Gee; (2) J. A. Collins. *Ex-Captain's Prize* (played for at Denton), (1) F. D. Gee; (2) S. Fletcher. *Captain's Prize* (played for at Blackley), (1) A. Maude; (2) F. D. Gee.



Photo]

[Cleworth

MR. S. N. BOSTOCK, WINNER OF THE CLEWORTH PRIZE

The second prize in each case was presented by the Society. Mr. John Cleworth's prize was awarded to Mr. S. N. Bostock, who, not having won a first or second prize during 1932, had returned three medal cards with the lowest net aggregate (80, 82 and 80). After supper, the president (Mr. J. H. Franklin) said he had a pleasant duty to perform in presenting to the "lucky lads" the prizes which they had won during the past season. He thought they had had a very successful season. After the prizes had been presented, the president announced that the Woolley trophy had been won by Mr. V. Cromack with a good score at Torkington Golf Course. It gave him great pleasure to hand over the prize to Mr. Cromack. Councillor R. G. Edwards was the runner up. The president announced also the result of that day's match between the president's team and the captain's team as a win for the latter side by two games to one. Mr. E. N. Fox (an ex-captain) proposed a hearty vote of thanks to the donors of the prizes. Mr. R. Hough replied. Councillor R. G. Edwards eulogised the qualities of the president, and votes of thanks were accorded to the captain and to the secretary.

Coming Events

Wednesday, October 5

Manchester Pharmaceutical Association, Junior Branch, Piccadilly Cinema Dance Salon, from 8 p.m. to 12 p.m. Dance, Tickets, 3s. 6d. each, including refreshments, from the Junior secretary, Mr. R. B. Maskell, 240 Moor Lane, Kersal.

Pharmaceutical Society of Great Britain, 17 Bloomsbury Square, London, W.C.1, at 3 p.m. Opening of School session. Address by C. W. Kimmins, M.A., D.Sc. (late chief inspector, Education Department, London County Council).

National Pharmaceutical Union

A CONFERENCE of representatives of pharmaceutical committees was held at the Holborn Restaurant, London, W.C.1, on September 28. We understand that several local meetings of panel chemists have been held during the past few days in various parts of the country regarding the principal subject discussed at this conference—the terms of the new three years' contract shortly to be entered into with the Ministry of Health. Liverpool chemists who are on the panel decided, at a meeting held in the Adelphi Hotel last week, to oppose the decision of the Ministry of Health to rescind Clause 4 (4) of the National Health Insurance contract at the end of this year. Manchester panel chemists, at a meeting held on September 21, Mr. D. Dickson presiding, passed the following resolutions after discussion:—(1) "That this meeting of panel chemists agrees to the monetary conditions set out in Circular U.L. 237"; (2) "that this meeting pledges itself to support the N.P.U. in any action it may take to resist the proposals of the Minister." A representative meeting of London and Middlesex chemists, representing about 1,700 shops, was also held last week. The meeting passed a resolution strenuously opposing the proposed rescission of Clause 4 (4), and pledging itself to support the N.P.U. in any action taken to oppose the Ministry's proposal.

The Delegates' Conference

The meeting was presided over by Mr. Philip F. Rowsell, who, on account of the recent illness of the chairman (Mr. F. D. Phillips), deputised for him. After opening the proceedings with an introductory statement, the chairman put *seriatim* eight resolutions dealing with the financial provisions of the proposed contracts, all of which were lost. A resolution from Sheffield was, after discussion, adopted unanimously in the following form:—

"That the chemists at this meeting express their appreciation of the work accomplished by the National Pharmaceutical Union Executive Committee, including Mr. Mallin-

son, and suggest that, considering the present economic conditions, the terms offered by the Ministry, namely, the basic figure of 2s. 9½d. per head, be accepted; the Executive to have authority to take any action and come to any agreement they consider necessary without further consultation."

Twelve other resolutions on the same subject were agreed to, the main resolution being regarded as definitive of the delegates' views on the financial aspect of the contract. The conference adjourned at this point for luncheon.

On the resumption of the proceedings, the two following resolutions on the other aspect of the contract were carried unanimously:—

"That this meeting regards the exclusion of Clause 4 (4) from the new agreement as detrimental to the maintenance of the high standard of efficiency and personnel at present engaged in National Health Insurance dispensing."

"That the retention of Clause 4 (4) be a necessary condition of acceptance of the new terms as offered by the Ministry, and that, failing agreement with the Minister of Health, the retention of Clause 4 (4) be submitted to independent arbitration."

The other resolutions carried were:—

"That the existing arrangement for the supply of surgery dressings in bulk, which is confined to five Welsh Insurance Committees, be terminated."

"That pressure should be brought on the Ministry in making the new Regulations that Sheffield should be included in the National Scheme for the Testing of Medicines as our people are still very unsatisfied with the local scheme."

By permission of the chairman, the National Formulary (N.H.F.) and the distribution of free goods for manufacturers were mentioned by delegates from West Ham and Manchester respectively. With a vote of thanks to the chairman (who had kept the programme so well in hand that no time was lost in disposing of the agenda), carried with acclamation, the proceedings terminated.

Topical Reflections

By Xrayer

Perfumery Displays

in your pages last week promise well for Christmas business, and I cordially hope that the optimistic spirit which has prompted you and your advertisers to arrange for such displays may prove to be fully justified by the result as reflected in our turnover. My own inclination is to begin special displays at an early date, not only as a means of securing a fair share of Christmas trade, but also with the object of attracting potential customers into the shop, where they may be disposed to purchase other goods than the article, or articles, in the window which tempted them to come in. A suitable counter display of goods entirely different from those set out in the window enclosure will present itself for their attention during such time as the customers may be awaiting service, and I doubt not that skilful salesmanship will thus find its reward. Meanwhile, I am only too keenly aware of the fact that money is very tight to-day, the general disposition being to avoid making purchases that are not absolutely necessary.

As Pharmacists

those of us engaged in retail business ought surely to make the most of the pharmaceutical side, and that not merely for the sake of showing that we are something more than general traders. It seems to me to be wiser for us to build up, if possible, a steady practice

that is not likely to be affected by trade depression when it comes along, so as to be free from anxiety when side-lines are failing to do their bit. How this may be done is, of course, a none too easy problem to be solved in many instances. With a good pharmaceutical business as a nucleus, we could still welcome extra aids to increased turnover, but might regard them as something outside the category of what is essential to our well-being. In any case, we should not make the mistake of talking or writing about business in side-lines as "pharmacy," as some of your correspondents seem so fond of doing.

A Healthy Tone

in this respect, pervades the letters of "Country Chemist" and "Lex," both of whom seem to appreciate the advantage of putting real pharmacy in the forefront of their business. I should like to think that "Lex" is right when he states (C. & D., September 24, p. 405) that perhaps 30 per cent. of us hanker after pure pharmacy. I am also pleased with his suggestion that those in our ranks who love unadulterated shopkeeping should decide to devote themselves exclusively to this phase of activity, and leave all dispensing of medicines to those who prefer purely pharmaceutical work. Each group would then be doing work that specially appealed to its members, and they might reasonably expect to be more successful generally than if partly engaged in distasteful occupation.

Legal Reports

Pharmacy Acts (Ireland).—At the Sligo District Court, recently, T. H. Fitzpatrick & Co., Ltd., Wine Street, and Messrs. McMurray, John Street, were summoned by the Pharmaceutical Society of Ireland for keeping open shop for dispensing purposes without having a pharmaceutical chemist in charge. They were also charged with breaches of the Sale of Poisons (Ireland) Act. The defendants pleaded "Guilty" in all cases. Pleas in mitigation were made on behalf of Messrs. McMurray by Mr. Doherty, solicitor, and on behalf of Messrs. Fitzpatrick by Mr. Argue, solicitor. Messrs. McMurray were fined £5 for breach of the Pharmacy Acts, and 10s. 6d., 5s. and 2s. 6d. for breaches of the Sale of Poisons Act. T. H. Fitzpatrick, Ltd., were fined £5 for one breach of the Pharmacy Act, and the second case was withdrawn at the suggestion of the justice. The Society, for whom Mr. Vincent Kieran appeared, were allowed £2 14s. 6d. costs in each case.

New Companies and Company News

P.C. means Private Company and R.O. Registered Office.

SHELF DRUG STORES, LTD. (P.C.).—Capital £500. Objects: To acquire the business of a drug stores carried on by A. Barraclough at Shelf.

HIGH LANE PHARMACY, LTD. (P.C.).—Capital £500. Objects: To carry on the business of chemists, druggists, etc. Solicitors: William Johnston & Co., 8 and 10 Vernon Street, Stockport.

LEOPOLD LASERSON, LTD. (P.C.).—Capital £300. Objects: To carry on the business of manufacturers of all kinds of synthetic, aromatic and other chemical products, distillers of essential oils, etc. R.O.: 11 Beauchamp Street, Holborn, E.C.1.

VI FLEUR, LTD. (P.C.).—Capital £500. Objects: To acquire the business of toilet requisite manufacturers and chemists carried on by E. Chatterton and H. Ford at 47 Blackett Street, Newcastle-on-Tyne.

OAKLAND PHARMACY, LTD. (P.C.).—Registered in Belfast. Capital £500. Objects: To carry on the business of pharmaceutical chemists, opticians, etc. Solicitors: Geo. McIl Dowie & Son, Belfast.

BIRMINGHAM DENTAL MANUFACTURING CO. (1932), LTD. (P.C.).—Capital £1,000. Objects: To carry on the business of manufacturers of and dealers in dental materials and requisites, etc. R.O.: 5 Finsbury Square, E.C.2.

FREKE & COMPANY (CHEMISTS), LTD. (P.C.).—Capital £500. Objects: To carry on the business of chemists and druggists, dentists and opticians, manufacturers of and dealers in drugs, medicines, perfumes, etc. R.O., 378 Coldharbour Lane, Brixton, S.W.

ARMYTAGE BROTHERS (KNOTTINGLEY), LTD. (P.C.).—Capital £1,500. Objects: To acquire the business of engineers and bottle mould makers now carried on by G. E. Armitage, T. H. Armitage and F. W. Armitage at The Foundry, Knottingley, as "Armitage Brothers."

SOAP INDUSTRIES, LTD. (P.C.).—Capital £1,000. Objects: To establish factories for the manufacture of soaps, face creams and powders, perfumes, and to take over an agreement between Peter Lunt & Co., Ltd., of Aintree, Liverpool, and the Superseda Soap Company of London.

DISPENSERS, LTD. (P.C.).—Capital £1,000. Objects: To acquire the business carried on at 50 Farnham Road, Seven Kings, as Hart Spratt & Co., to promote and carry out any systems of services connected with the distribution, display and general

publicity of the manufacture and sale of dispensers and containers for liquid or viscid materials and powders; and to carry on the business of chemists, druggists, etc.

L. GATHIER & CO., LTD. (P.C.).—Capital £10,000. Objects: To carry on the business of manufacturers of and dealers in perfumery requisites, catgut for surgical and industrial purposes, all types of strings of silk, rubber, metal, sinews or any other fabric or material, etc., and to acquire the business of dealers carried on by L. A. Gathier, R. Gathier and G. P. Thompson at 6 and 8 Bow Lane, Cheapside, E.C., as L. Gathier & Co.

COUNTY DRUG STORE, LTD.—At a meeting held in Preston on September 7 it was resolved that this company be wound up voluntarily. Mr. R. O. Griffith, 44 Cannon Street, Preston, was appointed liquidator.

BOOTS PURE DRUG CO., LTD.—The directors announce the payment on October 1 of the usual quarterly interim dividend at the rate of 24 per cent. per annum, less tax, on the ordinary shares. The issued ordinary capital is £1,500,000.

Private Arrangements

Herbert Williams, 357 Oxford Road, Manchester, chemist and druggist.—The creditors were called together at Manchester, recently, when the representative of Messrs. Westmacott & Son, the principal trade creditors, presided. The statement of affairs showed ranking liabilities of £1,295 6s. 3d. The assets comprised stock £625 6s. 9d., expected to produce £250, and book debts £67 1s. 4d., valued at £2, making a total of £252. After allowing £107 15s. 4d. for preferential claims and £17 5s. 10d. for execution creditors' claims and costs, etc., the net assets were £126 18s. 10d., or a deficiency of £1,168 7s. 5d. It was decided that the matter should be dealt with under a deed of assignment whilst a committee of the representatives of the principal creditors was also appointed.

F. C. Smith, 141b Church Road, Hove, toilet and surgical dealer.—A meeting of the creditors was held, recently, at the offices of Mr. A. E. Orbell, accountant, Brighton. The ranking liabilities were £586 1s. 5d., of which £300 was due to the trade and £306 1s. 5d. to the bankers, who held a life policy valued at £20, leaving them unsecured for £286 1s. 5d. The bank also held a third party guarantee. After allowing £123 2s. for preferential claims, the net assets were £56 18s., or a deficiency of £529 3s. 5d. The assets consisted of stock £50; fixtures and fittings £120, and cash in hand £10. Mr. Orbell stated that the debtor commenced business in February 1927. In 1929 the turnover was £1,045, but it had since declined. There had been a loss on the trading. It was decided that the debtor should be allowed fourteen days within which to obtain assistance from friends to pay a composition of 2s. in the £.

Albert Prescott, 358 Worsley Road, Winton, Eccles, chemist and druggist. The creditors of the above were called together last week at the Liberal Club, Eccles, when the statement of affairs showed liabilities of £1,064 1s. 10d., made up as follows: Trade creditors, £221 18s. 6d.; cash debts, £826 13s. 4d.; and rent, rates and income tax, £15 10s. The assets consisted of stock in trade, £511 3s. 2d.; fixtures and fittings, £63 18s. 5d.; and book debts, £4, making a total of £579 1s. 7d., or a deficit of £485 0s. 3d. It was reported that the debtor took over the business as a going concern in July 1926, and at an inclusive price of £500. The debtor had little or no capital of his own and obtained a loan of £600, which was later increased by £200 for altering and fitting up the shop. In 1930 the turnover was £916, with a net profit of £202, whilst in the following year the sales were £914, with a net profit of £210. It was decided that a deed of assignment should be executed to Mr. F. G. Dean, of Eccles, with a committee.

George Smith McClure, 36 Market Street, Hollingsworth, chemist and druggist.—At the meeting of the creditors held recently at Ashton-under-Lyne, a statement of affairs was submitted which showed ranking liabilities of £1,836, of which £504 was due to the trade and £1,332 to a cash creditor. In addition there were fully secured creditors for £455, holding securities valued at £650. The assets comprised stock, fixtures, etc., £400; good book debts £80; cash in hand £1 10s., and surplus from fully secured creditors £195, making a total of £676 10s. After allowing £6 for preferential claims, the net assets were £670, or a deficiency of £1,165 10s. It was decided that the deed of assignment already executed to Mr. T. Millward Fish, of Clarence Arcade, Ashton-under-Lyne, should be confirmed, while Mr. P. S. Booth of the Association of Manufacturing Chemists, Liverpool, was asked to collaborate with the trustee in all matters relating to the estate. It was understood that efforts would be made to sell the business as a going concern, failing an offer being made in settlement of the creditors' claims.

Alfred George Street, The Palladium Pharmacy, Waterloo Road, Blackpool. The creditors were called together recently at Blackpool, when it was reported that the ranking liabilities were £826 9s. 5d., due to unsecured creditors. There were also fully secured creditors for £954. After allowing £87 14s. 8d. for preferential claims, the net assets were £482 0s. 3d., or a deficiency of £344 9s. 2d. The assets comprised: stock, £455, expected to produce £350; fixtures, fittings, etc., £165, valued at £80; cash in hand and at bank, £9 14s. 11d.; and legacies, etc., £130, making a total of £569 14s. 11d. It was reported that the debtor commenced trading in May 1928, with a capital of £165, of which £135 represented his savings. During the year to March 31, 1930, the turnover was £1,485, with a profit of £242. In the next year the sales increased to £1,629, and the net profit was £226. For the twelve months to March 31 last the turnover was £1,699. The drawings had been small. The position was attributed to competition, severe trade depression and shortage of capital. It was decided that the deed of assignment already executed to Mr. C. D. Harrison should be confirmed.

Compulsory Liquidations

Arcade (Brixton) Pharmacy, Ltd., 35 Market Row, Brixton, S.W.—The accounts lodged under the compulsory liquidation of this company show liabilities £642, no available assets, and a deficiency of £992 with regard to contributories, the issued capital consisting of £350 ordinary shares. The Official Receiver (who is also acting as liquidator) reported that the company was formed in September 1929 to carry on business as wholesale and retail dealers in toilet requisites and chemists' and druggists' sundries. The trading was not successful owing to lack of capital and to trade depression, and as the company was carrying on a "cut price" business it was often difficult to obtain goods.

Arthur William Crampton, 33 Margaret Street, Immingham, lately of 38 Margaret Street, Immingham, formerly High Street Pharmacy, Skegness, Lincolnshire, drug stores proprietor and photographic dealer.—The public examination herein was held recently at the Town Hall, Great Grimsby. According to the statement of affairs presented there were liabilities amounting to £243 14s. 5d., and there was a deficiency of £227 10s. The debtor stated that in 1930 he agreed to purchase the High Street Pharmacy, Skegness, for £200, of which he paid £20 on account. He alleged that in September 1931 the vendor took possession of the stock and fixtures in settlement of his claim, with the exception of about £40 worth of stock. This stock the debtor transferred to Immingham, where he commenced business as the East Lincolnshire Drug Stores. After ten weeks debtor was compelled to cease trading owing to pressure from judgment creditors. The examination was adjourned.

Dublin Photographic Dealers

At a meeting of the local committee of the Photographic Dealers' Association, held in Dublin recently, all the ordinary members of the committee then present, with the exception of the chairman, Mr. John Smith, resigned from the committee. Their resolution was:—

In view of recent decisions taken in London, particularly one in which a firm of stationers were put on the Approved List against the unanimous recommendations of the Local Committee, this Committee feel that no useful purpose can be served by a Local Committee whose unanimous recommendations are not endorsed in London, and they feel that they have no option but to resign. They take this course with extreme regret, as they had enthusiastically hoped that the Dealers' Association would be in a position to act for the good of the photographic dealers. It would appear, however, that if any manufacturer is persistent enough he can ignore the recommendations of the Local Committees, and no good purpose can be served by remaining on such a Committee.

In an explanatory note to photographic dealers, the Committee point out that the general procedure is that applications for the Approved List of Photographic Dealers are forwarded from headquarters for a report from the local committee. One of the conditions stipulated is that new dealers should be restricted to certain categories of trade. On more than one occasion the unanimous resolutions of the local committee in Dublin were over-ridden by the Joint Council in London. The only way to regulate these things would be to have a strong association in the Irish Free State, working as much as possible in harmony with the London association, but not subject to their control in any way. It is proposed shortly to call a meeting in Dublin of those interested. The trouble is that the precedent created by the latest application in the matter of a stationer opens the doors to every stationer and fancy goods dealer in the I.F.S., a situation which must be combated and tackled by the legitimate trade. Another point is that by far the greater percentage of the subscriptions of members is passed on to London headquarters—only a very small sum is remitted for local expenses. This sum is not nearly adequate to cover the local expenses. If the entire subscriptions (10s. per member) were retained it would enable the local committee to do a considerable amount of work which for want of funds it has been unable to tackle in the past. The resolution and statement has been approved by Messrs. H. Roe McMahon, John J. Roche, T. H. Mason, H. J. Sumner, F. J. Robinson and B. Keogh.

Business Changes

BODY'S PHARMACIES, LTD., have opened a branch at 1 Moulsham Street, Chelmsford.

The telephone number of Lysol, Ltd., Raynes Park, London, S.W.20, has been changed to Liberty 2233-4-5.

MR. H. G. JACKSON, chemist and druggist, has opened a business at 40 St. James' Road, Higher Broughton, Salford.

MR. MILLAR DAVISON, chemist and druggist, has acquired the business of Mr. J. R. Sanderson, chemist and druggist, 25 Morton Crescent, Fence Houses.

THE SUDEX CO., LTD., have taken office premises at 21 Mincing Lane, London, E.C.3. All communications should be sent to that address instead of to 5 Harp Lane, E.C.3. Telephone: Monument 3148.

THE OLD STRAND CHEMICAL & DRUG CO., LTD., 41 Great Tower Street, London, E.C.3, will move to more commodious premises at Audrey House, Ely Place, London, E.C.1, as from October 3. Telephone: Holborn 6093-4.

Pharmaceutical Society of Ireland

Council Election Candidates

FOR the seven seats on the Council of the Pharmaceutical Society of Ireland which have become vacant, eleven candidates have been nominated. The outgoing members, all of whom are going forward for re-election, are Mr. J. F. Costello, Mr. T. Costelloe, Mr. F. J. Fitzpatrick, Mr. M. J. Kieran, Dr. J. A. Mitchell, Mr. D. J. Nugent and Sir Thomas Robinson. The four new members proposed are Mr. Donald W. Parker Boyd, Mr. Francis Doyle, Miss Fionnuala Mary Flood and Mr. Francis Xavier Meagher. The following are brief notes on the candidates:—

Mr. Donald W. P. Boyd, M.A., F.C.S.

is the eldest surviving son of Mr. William H. Boyd, of Stillorgan, co. Dublin, who



MR. D. W. P. BOYD

for many years was a director of Boileau & Boyd, Ltd., wholesale and manufacturing druggists, Dublin. He entered Trinity College, Dublin, in 1916, but a year and a half later interrupted his studies in order to join the Royal Flying Corps. After serving as a flying officer in the Royal Air Force in France and Belgium, and later in the Army of Occupation in Germany, Mr. Boyd resumed his studies at Dublin University, where, in 1922, he took the B.A. degree. He then entered upon a course of organic and inorganic chemistry under Dr. Werner and Professor Young respectively. In 1924 Mr. Boyd took the M.A. degree and commenced an extended course of food and drug analysis with Mr. B. G. Fagan, B.Sc., F.I.C., the Dublin city analyst. In September 1922 he joined Messrs. Boileau & Boyd, Ltd. (established in 1700), with which company his father and many others of his family have been associated for many years. Three years later Mr. Boyd assumed control of the firm's manufacturing laboratory, and he now has charge of the technical administration. When asked for his election views, he said: "I am seeking election so that, on account of the trend of recent legislation, the interests of manufacturing pharmacy may be represented on the Council of the Society."

Mr. Joseph F. Costello

served his apprenticeship at Grahame's Medical Hall, Westmoreland Street, Dublin, and on qualifying in 1921 took over the business of Grealy's Medical Hall, Galway. Mr. Costello has many interests outside pharmacy. He is associated with the only iron-foundry industry in Galway, and is a director of the Connacht Tribunal Publishing Co., one of the most flourishing provincial newspaper offices in the West of Ireland. He is also a prominent member of the Galway Urban Council and Harbour Commissioners.

Mr. Timothy Costelloe,

who is the treasurer of the Pharmaceutical Society, comes from the South of Ireland. He served his apprenticeship with Dr. A. A. Molyneux, Tralee, and came to Dublin in 1916. In 1918 he started business on his own account, and in the following year he qualified. In addition to his own business at 149 Lower

Drumcondra Road, Dublin, Mr. Costelloe is associated with the pharmacies of Roche & Costelloe at Mauno and Sandford. In addition to the retail side of the business Mr. Costelloe is keenly interested in the manufacturing and packing side, and was one of the first directors of the Dublin Drug Co. He is also a director of the recently formed manufacturing company, Irish Pharmaceuticals, Ltd.

Mr. Francis Doyle

is a native of Westport, and began his pharmaceutical career with the Sligo Drug Co., with whom he served his apprenticeship under Mr. T. P. Faber. From Sligo Mr. Doyle went to Dublin, where he gained an extensive experience of the business in some of the leading city houses, before opening his own establishment at Upper George's Street, Dun Laoghaire. Outside business Mr. Doyle is a keen golfer. Seen by a C. & D. representative, Mr. Doyle stated that he was very much interested in the introduction of a new Pharmacy Bill, and had been actively engaged in a movement to get new members on the Council, in previous elections, who would hasten the introduction of the measure. Mr. Doyle added that he was opposed to the policy of prosecuting qualified chemists until such time as all other traders outside pharmacy were dealt with for illegal trading in drugs and poisons.

Mr. F. J. Fitzpatrick

has been associated with the Council for over a decade, and is one of the most compelling forces in the ranks of pharmacy for uplifting the standard of the profession. He had the honour of being president of the Pharmaceutical Society for four years. During his period in the chair, several important reforms in the work of the Society were initiated. To Mr. Fitzpatrick belongs the credit of having founded the present School of Pharmacy, and of inviting the British Pharmaceutical Conference for one of its most successful meetings. While he was president Mr. Fitzpatrick established a Pharmaceutical Benevolent Fund, and owing to his forethought special accommodation was made for lady students attending the Society's lectures. Following upon the establishment of the Irish Free State, Mr. Fitzpatrick was one of the first public men to be created a Peace Commissioner. Mr. Fitzpatrick, in a statement made to THE CHEMIST AND DRUGGIST, dealt with the circular letter issued by six candidates (see p. 414).

"It is rather a misleading circular," Mr. Fitzpatrick said. "I do not consider it would be for the good of pharmacy if the proposition made to add the list of drugs and preparations given in the circular to Part II if the Poisons Schedule was broadcast. Public opinion classes all chemists as profiteers; and if it were known that we wanted aspirin tablets included in Part II it would raise a public outcry. I believe it is better to proceed slowly than to put up such a heavy list in our first attack. I consider that the best way to restrict the sale of many habit-forming drugs is to look for a third part of the



MR. F. J. FITZPATRICK

Schedule, in which in the course of years, and with the sympathetic help of the College of Physicians, the Government may grant further restrictions on the sale of these commodities, and thus help pharmacists to combat unfair competition.

"The suggestion is made in the first part of the circular that the Council should go to the Government and ask that, amongst other things, calf lymph, anti-diphtheria serum and aspirin should be included in Part II. The correct procedure is set out in Section 1 of the Sale of Poisons Act (pp. 37-38 of the Calendar). Fancy a body of responsible chemists asking the College of Physicians to say such things as calf lymph are poison! A Committee has been at work for a considerable time revising the Poisons Schedule.

"The second paragraph of the circular says that 'the prosecution, which virtually amounts to persecution, of chemists and druggists carrying on a *bona-fide* business should cease, and the energy and money expended thereon should be diverted to the detection and prosecution of those who are selling poisons illegally, and thereby restore to the chemist the business which is now so largely in the hands of the huckster, the grocer and the ironmonger.' A brief review of the prosecutions that took place during the past three years shows that during my last year of office as president there was one prosecution. Curiously enough, it was a case of an ironmonger. One thing the circular overlooked is the fact that during Mr. Nugent's year of office as president there were six prosecutions. In Mr. Brooke-Kelly's year of office six prosecutions were undertaken. In June the last four prosecutions were ordered. The resolution ordering these prosecutions was proposed by Mr. Cornelius Cremen and seconded by Mr. Timothy Costelloe.

"Paragraph three says that the Horticultural Poisons Act should be rigorously enforced. There is no such Act. I presume they mean the Poisons and Pharmacy Act, 1908. Chemists throughout the country are constantly complaining of unfair competition under this Act, and I am aware that steps have been taken in almost 100 cases by the registrar to remedy their grievances without any publicity and without prosecution, which is generally hurtful to the local chemist. Many letters of gratitude are filed in the office at Mount Street to testify to Mr. Kerr's valuable service in this regard. There should be no evasion of the Council's responsibility for prosecutions. I accept my share, although, through ill-health, I have not been able to attend meetings during the past eighteen months as I should wish.

"It should be remembered that the registrar has no power to prosecute. A complaint is received by the registrar, who verifies the facts before reporting to the Law Committee, who then carefully consider the case. The members of the Committee are all men in actual business who have no wish to be vindictive or show a persecuting spirit to any of their colleagues in the business. If they find that the complaint is justified they make a recommendation to the Council. The Council consists of twenty-one members. The president reads out the recommendation of the Law Committee, either for or against prosecution, and then comes a resolution requiring a proposer and seconder, and an open vote for or against prosecution is taken. If the Council orders a prosecution there is a resolution under seal. Even then, if the law adviser does not consider it advisable, or the case is not sufficiently proved, no prosecution takes place. In my experience during the past ten years prosecution usually resulted from the complaints made by chemists or druggists who felt aggrieved, either by breaches of the Pharmacy Act or illegal trading by competitors.

"As regards the schools, I am in entire agreement, provided they come up to the standard required and that they are inspected by representatives of the Society. The initiative in having technical schools throughout the country recognised was my own."

Miss Fionnuala Mary Flood,

the first lady chemist to seek election to the Council, was educated at Sion Hill Convent, Blackrock, co.

Dublin. She served her apprenticeship at Hayes, Conyngham & Robinson's Rathgar branch, under Mr. F. Hoey, M.P.S.I., and qualified in January 1928. In the following May Miss Flood opened her own pharmacy at Terenure. Asked to express her views by a representative of the C. & D., Miss Flood said:—

"My reason for asking support from both the men and women pharmacists for my candidature is the strong feeling I hold that women pharmacists should have at least one representative on the Council of the Society. Women pharmacists amount to 12 per cent. of the total number on the Register. The number of women voters is in exactly the same proportion. On a proportional basis, therefore, women would be entitled to two representatives on the Council. I do not, however, make this claim. I believe the men representatives are fair to all, but I also believe that there are special problems in pharmacy for women, and there should be a women pharmacist on the Council to represent the feminine outlook. It is for this reason that I believe every fair-minded man will see the justice of my appeal, and show his sympathy by giving me a vote.



Miss F. M. Flood

Mr. Michael J. Kieran

belongs to a pharmaceutical family. He has a brother and a sister who are qualified chemists, while his wife, Mrs. Alice Kieran, is also a licentiate of the Society. Recently Mrs. Kieran was accorded the best thanks of the Council for drawing the attention of a coroner to a case of suicide in which lysol was sold to the victim by a person other than a pharmaceutical chemist or registered druggist.

Mr. Francis X. Meagher

is one of the young pharmacists of note in business in Dublin to-day. He served his apprenticeship under Dr.

Walsh at Graham's Medical Hall, Westmoreland Street, and gained further experience at Lester's of Cork. He qualified in 1924, and four years later opened his own business in Upper Baginbun Street, Dublin. Mr. Meagher is interested in sport and is a well-known member of the Clontarf Swimming Club. Apart from the views expressed in the circular to which he is a signatory, Mr. Meagher says that he "disapproves of the harassing of bona-fide chemists and druggists by the Society's statutory notices."



MR. F. X. MEAGHER

Dr. James A. Mitchell

is the senior member of the Council. He is qualified in medicine as well as pharmacy, and is managing director of Hamilton, Long & Co., Ltd., who have several pharmacies in Dublin and the district. Dr. Mitchell is also one of the most energetic members of the Dublin and Provincial Retail Drug Association, of which he was president on two occasions. He takes a keen interest

in the progress of Irish pharmacy, and has much solid achievement for the welfare of his profession to his credit.



DR. J. A. MITCHELL

Dr. Mitchell, when invited to make a statement to the C. & D., also confined his remarks to the circular sent out over the six names. Speaking as a medical man and a pharmacist, Dr. Mitchell said: "I do not think it would be advisable to put such things as aspirin, iodine, vaccines, serums, etc., in Part II of the Poisons Schedule; but if it would be possible at a later date to have a third part of the Schedule to the Act it would be very advisable indeed to have them in it, and some restriction placed on their indiscriminate sale by hucksters and grocers. I am not aware of any complaints of prosecution of chemists. Wherever prosecutions are advised they are carefully considered. As regards the three months' course in practical pharmacy, I am quite in agreement that other centres which we at present recognise in other subjects should be recognised in this, provided that the necessary equipment is available for the efficient teaching of pharmacy and that the standard of teaching is satisfactory in every way. I would like the position created in which it would be possible for young men in pharmacy in the country to complete their lectures in their own home town and come up to Dublin fully prepared for examination."

Mr. Denis J. Nugent

belongs to the class of members of the Society who might be ranked among its doyens. His active association with pharmaceutical politics dates back to 1925. During the year 1930-31 Mr. Nugent filled the office of president of the Society, and for four years prior to that he had been vice-president. He is a member of the Irish Chemists' Golfing Society, of which he declares he is "the second worst player." Mr. Nugent comes of a family with a pharmacy tradition. His father was a well-known County Limerick chemist, with whom Mr. Nugent served his apprenticeship. At present Mr. Nugent has his daughter serving her apprenticeship.

Sir Thomas Robinson

is easily pharmacy's great outstanding public man in the life of the State. He is head



SIR THOMAS ROBINSON

of Hayes, Conyngham & Robinson, Ltd., which operates twenty-three retail branches, and is chairman of Metropole Hotels (Ireland), Ltd., Pavilion Gardens, Kingstown, and a director of the United Drug Co., Ltd., Nottingham. He has been president of the Dublin Rotary Club, and is one of the most capable members of the Greater Dublin Corporation. He is also a member of the Dublin Publicity Club. Sir Thomas's wide administrative experience on public bodies has made him one of the most valued members of the Council. Among all

sections and shades of opinion in pharmacy he is held in very high esteem.

In a statement made to THE CHEMIST AND DRUGGIST on his candidature, Sir Thomas Robinson said: "My policy as a member of the Council is to have the pharmacy and poison laws properly administered for the protection of the public; to maintain a suitable standard of education in all the examinations, and to secure in the forthcoming new Pharmacy Bill such additional powers as are found from experience to be required."

A Joint Manifesto

The campaign is now in full swing, and there is every evidence of a keen contest for the seven seats. Six of the candidates (Messrs. T. Costelloe, J. Costello, F. Doyle, M. J. Kieran, F. X. Meagher and D. J. Nugent) have set out their policy and the reasons for which they seek election in the following communication which has been circulated to the electorate:—

We the undersigned ask for your full support to enable us to carry through the following proposals which have been carefully compiled after consultation with a large group of chemists both in Dublin and in the country.

1. The Pharmacy Bill is indefinitely held up through no fault of the chemists, meanwhile their livelihood is being slowly filched away by unauthorised trading. To remedy this we believe that the Council should go to the Government and ask that the following drugs and preparations be added to Part II of the Sale of Poisons (Ireland) Act.

Acid acetylsalicylic and preparations containing same
Aspirin
Iodine preparations
Lysol
All vaccines
All serums
Phenazone

Phenolphthalein
Insulin
Santonin
Acetanilide
Jeyes' Fluid
Adrenalin
Paraldehyde

The retiring members whose names are below have already endeavoured at meetings of the Council to have this desirable action taken but without avail. We feel that if our hands are now strengthened by the election of a further two candidates, pledged to support this policy, we can successfully accomplish our aim, i.e., that the chemist, chemist and druggist, and druggist should have the sole right to sell such potent drugs.

2. That the prosecution, which virtually amounts to persecution, of chemists or druggists carrying on a bona-fide business should cease, and that the energy and money expended thereon should be diverted to the detection and prosecution of those who are selling poisons illegally, and thereby restore to the chemist the business which is now so largely in the hands of the huckster, the grocer and the ironmonger.

3. That the Horticultural Poisons Act should be rigorously enforced and that traders should be made to keep strictly to its provisions until such times as the Council can have the law altered, so that the sale of all poisons, horticultural or otherwise, shall be confined to all qualified chemists and druggists.

4. That since it is now compulsory for students to take a three months' course in practical pharmacy, it is our opinion that Schools of Pharmacy in centres other than Dublin should be recognised.

If you do us the honour to elect us, we can assure you that we will pursue the above policy with the utmost energy, and that we shall furthermore be prepared to sponsor any suggestions for the improvement of our craft which you may be kind enough to make.

A meeting in support of the candidature of these six candidates was held at Wynn's Hotel, Dublin, on September 23, presided over by Mr. Robert Bates, M.P.S.I. Mr. C. Cremen (vice-president of the Pharmaceutical Society) was present. The meeting decided to send out a request to all its members to vote for the entire panel of six candidates.

A DISCOVERY.—"The most revolutionary change, however, is contained in the preface [of the new British Pharmacopœia], in which chemists are recommended to abandon the spoons for measuring purposes in favour of graduated glasses. The reason for this is that spoons vary enormously in their capacity."—"Peter Simple" in "The Morning Post" (italics ours).

Biological and Biochemical Preparations in the B.P., 1932

By W. A. Whatmough, B.Sc. F.I.C., Ph.C.

THE perplexities and complexities of Pharmacopœia compilation are exemplified to the utmost in connection with B.P. preparations subject to biological standardisation. These contravene basic pharmacopœial principles in many ways. Thus "the instructions given for the manufacture of pharmacopœial preparations are drawn up so as to provide for the preparation, by the practising pharmacist, of relatively small quantities"; but this ideal is inapplicable so far as biological substances are concerned. For large-scale manufacture it is laid down that "the preparations produced must be identical with preparations produced by following precisely the instructions of the Pharmacopœia"; yet issuing instructions to a biochemical laboratory would be the height of absurdity.

Again, a primary object of the British Pharmacopœia is to provide "one uniform guide and standard" throughout the British Empire; but a biological monograph usually indicates that the suggested standard may be superseded by a "local law," or made obsolete by the adoption of a new standard (under the Therapeutic Substances Act, 1925). The anomaly of including such therapeutic agents in the British Pharmacopœia is explained in the introduction as follows:—

"Some of these preparations are now included in the Pharmacopœia, in order that similar standards may be provided for those parts of the Empire in which otherwise no legal standards would exist."

International considerations also enter into the question, as only those biological substances are included for which a standard of reference has been recommended by the Permanent Commission on Biological Standardisation appointed by the Health Committee of the League of Nations. The "by authority" of the Pharmacopœia is thus second-hand, or even more indirect in regard to biological standards. Labelling requirements become in effect the safeguard of physician and pharmacist against unwitting infraction of the law. The pharmacopœia achieves neutrality in this respect by using the formula "the label . . . states," without indicating whether this is obligatory or not.

Makers' Discretion

The trust imposed upon the makers of biological preparations is evident in many ways. Thus the process or procedure of the Pharmacopœia is not binding upon the biochemist providing the alternative is one "which he can justify as being at least equally good." The only obligatory provision is in regard to the standards to be observed in connection with biological assays. Indeed, it is pointed out in the introduction to the Pharmacopœia that the rapid progress of biological science makes it undesirable to prescribe the method of comparison in assay of biological preparations. Nevertheless, of the eighty pages devoted to biological substances more than half is information which is unnecessary, since it tells a few biochemical specialists what they already know. Another disadvantage is the inclusion of tests which, despite disclaimer in the introductory statement, creates an impression in the monograph of being a standard requirement. The minimal standard for cod-liver oil is a case in point, since it is now known with certainty that the colour intensity in question is not proportionate to vitamin-A content. In fact, the pharmacopœial policy regarding biochemical preparations wavers between the expressed intention of not including biological tests (e.g., for vitamin D) and inability to refrain from doing so (by suggesting details for the method of assay of vitamin D which are already out of date).

The difficulties of Pharmacopœia compilation arising from biological specialisation are emphasised in the constitution of the Biological Standards Subcommittee appointed by the Pharmacopœia Commission to deal with this section of the work. This was the only instance in which it was advisable to subdivide a subcommittee into a group of subsidiary subcommittees, no less than eight being appointed. The indefinite character of the monographs relating to biochemical preparations is due to the fact that the Pharmacopœia Commission has to rely upon a superior authority for process and assay details. The incidence of the Therapeutic Substances Act accounts for a certain looseness of diction, notably in connection with labelling containers. The technical details of this "controlled" section are decidedly out of place, even in a 1932 Pharmacopœia, since they are incomplete and are apt to be misleading as regards the legal aspects of the Therapeutic Substances Regulations of 1931. A real difficulty is to find the application of warnings and instructions. Thus a note on page 5 defines the expression "date of manufacture" occurring in the Pharmacopœia as meaning "either the date of completion of the biological assay, or the date on which the substance was removed from cold storage, after having been kept there at a temperature not exceeding 5° continuously for a period not exceeding two years from the time when the biological assay was completed." A search reveals that this provision applies to insulin and ext. pituitarii liq. However, there is no reference to the above "General Notice" in the monographs, though the index provides the connection to those who take the trouble to look. This B.P. "General Notice" is intended to duplicate (for pharmacopœial purposes) the compulsory provisions of Section 5 (2) (b) of the Therapeutic Substances Act, 1925, "prohibiting the sale of the substance after the expiration of the prescribed period from the date of manufacture." Unfortunately "date of manufacture," as defined in Article 10 (3) (b) of the Therapeutic Substances Regulations, 1931, requires reference to a "relative Schedule," and Article 10 (4) (a), which is the basis of the "General Notice" of the new Pharmacopœia, only applies when there is no definition in the relative Schedule. Vaccine lymph is included in the 1932 Pharmacopœia, and the legal date of manufacture is in this case different from that in the "General Notice," being specified for the purpose of the above Article 10 (3) (b) as:—"The date on which the manufacture of the batch is completed shall be the date on which the vaccine lymph is removed for issue from cold storage after having been kept continuously at a temperature below 0° C. since the date of filling in tubes for issue." This exemplifies the difficulty of co-ordinating legal requirements with official statement.

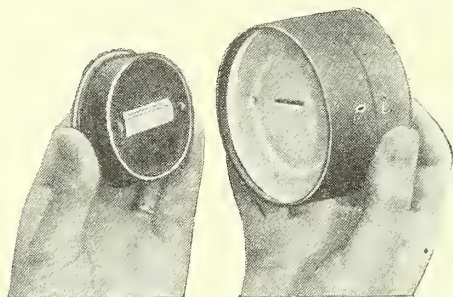
(To be continued.)

THE PROFUSION OF SCIENTIFIC PUBLICATIONS.—Sir Charles Sherrington, speaking at Oxford recently, said it had been estimated that the number of papers on physiology appearing during the year had risen from 3,500 in 1905 to 18,000 five years ago. They ran the risk of being snowed under—of not being able to keep pace intelligently with that enormous output. Even at the Science Museum Library at South Kensington, the largest of its kind, only 8,000 out of 26,000 periodicals were taken in. The Royal Society had spent at least £150,000 in trying to keep count of the scientific journals, but this work had been stopped. He hoped to see in the future national science libraries set up.

Trade Notes

ELMESAN (LONDON), LTD., 66 Victoria Street, London, S.W.1, are the distributors in this country of Meta solid fuel.

SAVILLE PERFUMERY, LTD., Watford, have followed up the success of the Rola powder-box by the introduction of an attractive pack of loose powder, which is fitted with a device for refilling the Rola box. As may be seen from our illustration herewith, the Rola box is applied to the base of the loose powder package, into which it fits, the roller being thereby depressed

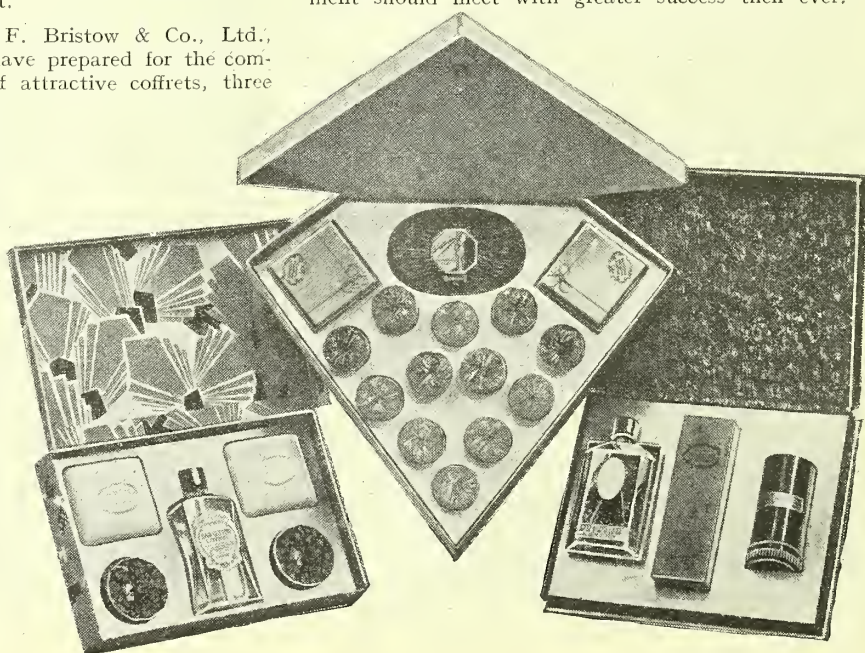


to allow the powder to enter. Pressure on the lid of the loose powder-box then causes the powder to pass into the Rola box, from which it may be extracted in correct quantity by means of the puff. This ingenious device (which makes a good selling point) should greatly increase the popularity of June powder. A complete outfit (Rola box and refill) can be obtained in a dainty combination box.

AN illustrated folder (F6344) describing the Georay system of shop-window lighting will be sent post free to any chemist who sends in the coupon appearing in this issue in the advertisement of The General Electric Co., Ltd., Magnet House, Kingsway, London, W.C.2.

WONDER OINTMENT.—Kog-Oh Co., Ltd., 37 Minera Street, Liverpool, inform us that the wholesale prices for their Wonder ointment advertised in the *C. & D.*, September 17, should read "32s. per gross less the following discounts: 1 gross 10 per cent., $\frac{1}{2}$ gross 7 $\frac{1}{2}$ per cent., and $\frac{1}{4}$ gross 5 per cent."

CHRISTMAS COFFRETS.—T. F. Bristow & Co., Ltd., Colindale, London, N.W.9, have prepared for the coming festive season a range of attractive coffrets, three of which are illustrated herewith. These coffrets are packed in well-made cases of excellent design, and are offered at prices to suit all purses. The centre case contains bath crystals, presented in a novel manner in bags of coloured cellophane, together with two shampoo powders and one tablet of Bristow's wallflower soap. The men's case (on the right) contains brilliantine, shaving stick in a Bristolite case and Denthymol toothpaste. The remaining coffret comprises two Bristolite cases of cream, two tablets of soap, and one bottle of hair setting lotion.



MAZDA electric lamps are advertised in this issue by The British Thomson-Houston Co., Ltd., Aldwych, London, W.C.2.

INNERCLEAN is the name of a new intestinal laxative which has been placed on the market by Brooks & Warburton, Ltd., 232 Vauxhall Bridge Road, London, S.W.1.

BALLROOM FLOOR POLISH, packed in 1 lb. sprinkler top tins or in bulk quantities, can be supplied by Granville Wood & Co., manufacturing chemists, Ascroft Street, Oldham.

PETROLAGAR.—The best terms on which this well-known proprietary can be bought are given elsewhere in this issue by Petrolagar Laboratories, Ltd., Braydon Road, London, N.16.

VICTORY MASTER PEPPERMINTS, reference to which was made in this column in our issue of September 10 (p. 288), are to be the subject of a full page advertisement in the "Daily Mail," September 30.

FRANCIS NEWBURY & SONS, LTD., 27 Charterhouse Square, London, E.C.1, have now issued the 1932 edition of their catalogue of druggists' sundries, packed goods, photographic goods and proprietary articles.

JAMES WOOLLEY, SONS & CO., LTD., manufacturing chemists, Manchester, have published a useful booklet dealing with the alterations, deletions and additions made in the new pharmacopœia. A copy is being posted to each of the company's customers, and any other chemist may obtain one, post free, on request.

CALENDARS AND CHRISTMAS STATIONERY.—We have received from Raphael Tuck & Sons, Ltd., Raphael House, Moorfields, London, E.C.2, selected specimens of their new calendars, Christmas cards, picture postcards, puzzles, gift books for children and other stationery. As for many years past, thousands of new designs are in evidence, including replicas of the Royal Christmas cards. The needs of children have evidently been carefully studied, while such modern developments as aeroplanes have given rise to further originality. The oil-painting effects obtained are quite realistic; another acceptable type of gift is a box of assorted "table stationery"; and several designs in perfumed cards are to be had. This season's assortment should meet with greater success than ever.

CHRISTMAS LIST.—Wm. Edwards & Sons, 14 Nile Street, City Road, London, N.1, have sent us a copy of an illustrated list, which has been prepared specially to assist buyers of Christmas goods. Copies will be supplied on application.

PACKED PHARMACEUTICALS.—Baiss Brothers & Co., Ltd., manufacturing chemists, 174 Grange Road, Bermondsey, London, S.E.1, have sent us samples of their new range of chemists' specialities, some of which are shown in the illustration below. Writing in regard to these lines, Messrs. Baiss Brothers state: "The



Three Bees Brand articles represent an attempt to give to the pharmacist a series of official and unofficial preparations and drugs in a design pleasing to the eye and in suitable bottles according to the nature of the medicament, white glass panels being the predominating style. Customers' own name is printed on quantities of three dozen or more, either assorted or in single lots of a particular size, and most articles are available in 1 oz. up to 24 oz. bottles."

GLYMIEL JELLY.—Sangers, Ltd., 258 Euston Road, London, N.W.1, announce that Glymiel jelly is to be nationally advertised from October to April, and that special bonus parcels are available for a window display.

JAYTEE'S NOTES ON THE B.P. 1932.—John Thompson (Wholesale Druggists, 1921), Ltd., 27 Duke Street, Liverpool, have compiled a useful set of notes on the British Pharmacopœia, 1932, giving lists of (a) omissions, (b) additions, (c) changed names, (d) changed strengths, (e) changed ingredient formulas. So long as the supply lasts, Messrs. John Thompson will be pleased to forward a copy to any registered chemist on request.

We have received from the publishers, Baillière, Tindall & Cox, 8 Henrietta Street, Covent Garden, London, W.C.2, a copy of a "Synopsis of the British Pharmacopœia 1932," compiled by Mr. H. Wippell Gadd (4½ in. by 2¾ in. Pp. 189. 2s. 6d.). This book epitomises in handy form the numerous changes of name, of composition, and strength which have taken place in the new issue of the British Pharmacopœia, and contains in addition notes on all the new preparations. There is also a useful section on the laws concerning the sales of dangerous drugs and other poisons.

ONE of the stands which attracted considerable attention at the Manchester Business Efficiency Exhibition was the joint one of G. H. Gledhill & Sons, Ltd., and Gledhill-Brook Time Recorders, Ltd. Maximum efficiency at low cost was the keynote of this joint display, for these British-made tills and time recorders safeguard against losses and undue overhead expenses.

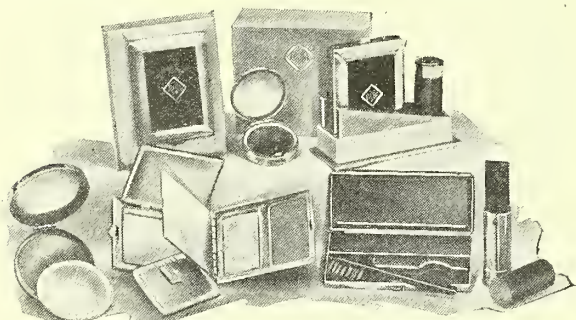
THE IMPEX Co., 60 Chiswell Street, London, E.C.1, have sent us samples of three useful powder boxes, illustrations of which will be found in our advertisement pages. Two of these boxes are fitted with sifter devices, which are extremely simple, yet effective, in operation. The third, the Boudoir powder-box is an elegant piece of workmanship; this product is available in a range of sizes and colours.

MAXIPINE BATH SALTS.—Maxipine Tyrolean pine needle bath salts, which has recently made its appearance on the market, should prove a popular line. Its packing is attractive, consisting of six labelled cardboard tubes, each containing about 1-oz. of well-perfumed material. The cardboard tubes are packed in a carton wrapped in yellow cellophane, the whole retailing at a popular price. Supplies may be obtained from the usual wholesale sources. The manufacturers are Astropine, Ltd., 5 Leonard Street, London, E.C.2.

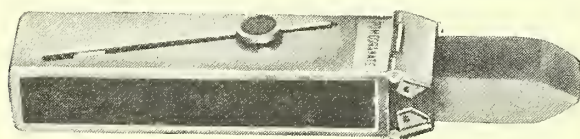


VINOLIA CO., LTD., Bebington, Cheshire, have produced for this year's Christmas trade a very fine range of gift sets, a selection of which we illustrate above. The predominating colours in the coffrets are blue and silver, and in the perfumes green and gold. The combinations have been thoughtfully arranged and should meet all tastes; prices, of course, are reasonable. The coffrets are well designed and of robust construction, while the perfumes are enclosed in stout, attractive presentation cases.

HARRIET HUBBARD AYER, LTD., 130 Regent Street, London W.1, have sent for our inspection two new lines just received from America. These two products complete the black enamel series of toilet goods. The vanity case contains a special compartment to hold powder; the lid springs open at a touch and the correct



amount of powder is supplied. The puff, when not in use, lies in the grooving on the lid. The rouge on the reverse side is in compact form. The "automatic" lipstick is claimed to be the most ingenious on the market. With a slight upward pressure of the red



button the lid opens just in time to allow the lipstick to pass through. These two lines are illustrated herewith together with others of the black enamel series. We have received also two new display cards which should prove decidedly useful to chemists during the Christmas season.

HALIBUT-LIVER OIL.—Considerable interest has been taken of late in the value of various fish-liver oils, and particularly in that obtained from halibut. Parke, Davis & Co., 50 Beak Street, London, W.1, have placed on the market under the name of Haliverol a halibut-liver oil, the vitamin D potency of which has been adjusted with irradiated ergosterol so that one minim of this new product is equivalent in vitamin A and vitamin D activity to one teaspoonful of cod-liver oil.

ALLEN & HANBURY'S, LTD., Bethnal Green, London, E.2, ask us to draw the attention of chemists to the fact that the malt and oil supplied by them under the Torch brand series and Packed Drug series has always been of the standard now demanded by the B.P. 1932.

Prescription Problem

The Editor will be glad of the loan of original prescriptions for this column, together with the correct transcription.

OUR next problem is given below. Exact transcriptions of the prescription are invited on postcards only (one attempt), which should reach the Editor, THE CHEMIST

Ext. Angulus (lowi) ٢٠٠

31 Jan 9 C.

AND DRUGGIST, 28 Essex Street, London, W.C.2, not later than the first post on Monday, October 10.

Prizes will be awarded at the discretion of the Editor.

Trade-Mark Applications

The figures in parentheses refer to the classes in which the marks are grouped. A list of classes and particulars as to registration are given in "The Chemist and Druggist Diary," 1932, p. 339.

(From "The Trade Marks Journal," September 7, 1932.)

"**MOSKILIZER**" in design form incorporating words "Moss Destroyer and Fertiliser"; for moss destroyer and fertiliser (2). By F. Morgan, 34 Hockliffe Road, Leighton Buzzard. 532,456.

"**AIR-WAY**"; for insecticides and deodorisers (2). By Air-Way Electric Appliance Corporation, 2101 Auburn Avenue, Toledo, U.S.A. 532,771. (Associated.)

"**KILKOF**"; for a medicine for coughs, etc. (3), for sale in Durham, Yorkshire, Lancashire, Cheshire, Derbyshire, Nottinghamshire, Lincolnshire, Shropshire, Staffordshire and Leicestershire only. By Parkinsons, Ltd., Curzon Street, Burnley. 529,230. (Associated.)

"**BONANZA**"; for a foot ointment (3). By M. Shloimovitz, 55 Wellington Street East, Higher Broughton, Salford. 530,464.

"**BENZOSEC**"; for medicinal petroleum, etc. (3) and for perfumery, etc. (48). By British Benzine Products, Ltd., 171 Queen Victoria Street, London, E.C.4. 532,656/657. (Associated.)

"**PETER PAN**" under design of running boy; for corn plasters and corn caps (3). By A. de St. Dalmas & Co., Ltd., 35 Mansfield Street, Leicester. 531,509.

"**CAMELIA**"; for surgical dressings, swabs and bandages (3). By St. Andrew Mills, Ltd., 34 St. Andrew Road, Walthamstow, E.17. 532,083. (Associated.)

"**VERMOGAL**"; for medicinal chemicals (3). By Société des Vermènes, 46 Rue du Bac, Asnières, France. 533,074. (Associated.)

"**ACE BRAND**"; for medicinal chemicals (3). By Burgoyne, Burdidges & Co., Ltd., High Street South, East Ham, E.6. 533,767.

"**KESTOMA**"; for tablets and powder for stomach ailments (3). By Kest, Ltd., 61 Mortimer Street, London, W.1. 533,915. (Associated.)

"**PHILBARM**"; for medicinal yeast (3). By Phillips Yeast Products, Ltd., Park Royal Road, London, N.W.10. 533,095.

"**NORMALAX**"; for medicinal chemicals (3). By Norgine Pharmaceutical Products (London), Ltd., 3 & 4 Clement's Inn, London, W.C.2. 534,019.

"**KRASKOL**"; for toilet preparations (48). By The Kraska Co. Ltd., 65 Portobello Road, London, W.11. 533,321. (Associated.)

"**D'AVRILE**"; for perfumery, etc. (48). By H. Stecklyn, 17 Houndsditch, London, E.C.3. 533,964.

"**TIMARNE**"; for perfumery, etc. (48). By Mabel Martin, 192 Belsize Road, West Hampstead, N.W.6. 534,059.

(From "The Trade Marks Journal," September 14, 1932.)

"**JONII**"; for woodworm-destroying preparations (2). By W. H. John, 25 Wyndham Arcade, Cardiff. 532,337.

"**DOWNORITE**"; for chemicals (2). "**VIGORITE**"; for for insecticides and fungicides (2). By Robinson Brothers, Ltd., Phoenix Street, Ryders Green, West Bromwich. 533,381/383.

"**TANTIVY**"; for chemicals (2). By B. C. Tipper & Son, Ltd., 43 Homer Street, Balsall Heath, Birmingham. 534,255.

"**SPISUL**"; for chemicals (2). By Geo. Monro, Ltd., Hertford Road, Waltham Cross, Herts. 534,116.

"**St. BERNARD'S COUGH REMEDY**" over picture of dog's head; for a liquid cough mixture (3). By W. Haythornthwaite, 22 Albert Street, Brierfield, Lancashire. 532,724.

Capital "L" and numerals "260"; for medicated snuff (3). By Hedges (Chemists), Ltd., 10-12 Dale End, Birmingham. 532,919.

"**THE MASTER OINTMENT BROBIN**" on circular design ("The Master" disclaimed); for ointment (3). By A. Bixter, 72 Warrington Road, Prescott, Lancashire. 533,810.

"**HAPILAX**"; for all goods (3). By H. A. Penney, 33 Rushout Avenue, Kenton, Harrow. 534,204.

"**DOLYROSE**"; for all goods (48). By J. Lesquendieu, 5 Bis rue de la Tacherie, Paris. 534,037.

Births

Notices for insertion in this column must be properly authenticated.

MARGETTS.—At 169 Drayton Road, Norwich, on September 23, Doris, the wife of Russell Margetts, M.P.S., president of Norwich and District Branch of Pharmaceutical Society, of a son.

Marriages

CLARK—DICKER.—At St. Philip's Church, Cambridge, on September 5, Gerald Robert Clark, chemist and druggist, to Doris Ivy Dicker.

GATEHOUSE—THOMAS.—At St. Martin's Church, Caerphilly, on August 27, Hubert John Gatehouse, chemist and druggist, to Nan Thomas.

CLAYSON—TREEN.—At St. Peter's Church, Dunchurch, on September 12, William M. Clayson, Ph.C., to Dorothy Lilian Treen.

HILTON—FAIRHURST.—At the Congregational Church, Ashton-in-Makerfield, on September 17, by the Rev. B. Salt, W. O. Hilton, M.P.S., 26 New Bank Road, Blackburn, to Olive Gray Fairhurst, Ashton-in-Makerfield.

HULL—BATTERSBY.—At Bolton Parish Church, on September 24, Christopher A. Hull, chemist and druggist, to Norah E. Battersby, both of Bolton.

LAWRENCE—HEMENS.—At St. Peter's Church, Malvern Wells, on September 14, Geoffrey Stafford Lawrence, chemist and druggist, Cardiff, to Margaret Mary Hemens, Blackmore Park, Hanley Swan.

PICKLES—EASTERBROOK.—At Holy Trinity Church, Batley Carr, on September 3, John Pickles, chemist and druggist (St. Thomas's Hospital, London, S.E.1), only son of the late Mr. Walter Pickles, chemist and druggist, to Henrietta Mary Easterbrook.

REDFERN—FORD.—At St. Anne's Church, West Hill, Highgate, London, N.6, on September 14, Sidney A. Redfern, M.A., LL.B. (Cantab), only son of Mr. and Mrs. A. E. Redfern, Cricklewood, to C. Louise Ford, M.P.S., youngest daughter of Mr. W. Crossley Ford, M.P.S., and Mrs. W. Crossley Ford, Highgate.

SMITH—RICHARDSON.—At Christ Church, Rathgar, Dublin, by the Right Rev. J. J. Macaulay, D.D., Lyall Gilchrist Smith, L.P.S.I., younger son of Mr. John Smith, M.P.S.I., Terenure Road, to Mabel Olive Richardson, B.A., B.Comm., youngest daughter of Mr. Charles E. Richardson, Kenilworth Square.

THONGER—CHAPPELL.—At Beaudesert Church, Henley-in-Arden, on September 21, Eric C. Thonger, M.P.S., younger son of Mr. Cyril T. Thonger (University Drug Co., Ltd.), Selly Park, Birmingham, to Barbara Winifred, younger daughter of Mr. H. Chappell, Henley-in-Arden.

Deaths

ALLEN.—At Colne, Huntingdon, on September 13, Mr. Samuel Allen, retired chemist and druggist, formerly of Cheddar, aged eighty.

GRAY.—At his residence, Tacoma, Queen's Drive, Colwyn Bay, on September 25, Mr. John Gray, F.I.C., formerly vice-chairman of Lever Brothers, Ltd., aged sixty-nine. Mr. Gray was born at Dalkeith and was educated in Edinburgh. He joined the staff of Lever Brothers, Ltd., in 1898, and rose to the position of vice-chairman, afterwards resigning in order to become managing director of two of Messrs. Lever's associated companies. Mr. Gray served on the committee of the

Society of Chemical Industry for several years, and was elected president of the Society in 1919.

HICKEY.—At 83 Thurlow Park Road, West Dulwich, London, S.E.21, on September 27, Elizabeth Hickey, widow of the late Mr. Harry Hickey (Parke, Davis & Co., Beak Street, W.1).

REES.—The funeral of the late Mr. T. E. Rees, chemist and druggist, Corsham, whose death was recorded in our issue of September 24 (p. 391), took place at Corsham Cemetery on September 22. Among those representing the Bath Branch of the Pharmaceutical Society were Messrs. W. J. Hallett, W. H. Hallett, T. J. Cornish, Luther Wilson, J. Aspell, R. H. Moore, E. Rogers, E. W. Williams, Bath; W. H. Bryan, Malmesbury; W. Couch, Chippenham; L. Ficker, Corsham. Wreaths were sent by Lord and Lady Methuen, fellow tradesmen and friends, Corsham Choral Society, Wilts Pharmaceutical Committee, Bath Branch of the Pharmaceutical Society, and masonic lodges.

Personalities

MR. A. R. POWELL, chemist and druggist, The Medical Hall, Connah's Quay, was installed on September 21 in the chair of King Solomon, Memory Lodge, No. 4264.

MR. D. HARRY WALDEN, 865 Finchley Road, London, N.W.11, informs us that he has resigned from the offices of director and secretary of Roberts & Co. (Chemists), Ltd., 2 Rupert Street, W.1.

MR. C. A. HULL, F.B.O.A., chemist and druggist, manager of the pharmaceutical and optical departments of the Darwen Industrial Co-operative Society, Ltd., was presented with a cut-glass reading lamp by his staff on the occasion of his marriage on September 24.

At the autumn meeting of the London Golf Captains, held at Coulsdon Court, on September 21, when forty-six members of the Society competed for the challenge cups, the ex-captains' challenge cup for the best medal round was won by Mr. D. M. Rees, chemist and druggist (ex-captain of Brent Valley and a member of the London Chemists' Golfing Society), with a return of 80—8=72 net.

At an installation meeting held in Bradford on September 24, Mr. Fredk. W. Appleyard, chemist and druggist, was installed Worshipful Master of Corinthian Lodge, No. 3600. Among the brethren present connected with pharmacy were: W. Bro. W. Wilson, P.M.; W. Bro. Frank E. Burdett, P.M.; W. Bro. Arthur Flather, P.P.G.D.; W. Bro. Harry Treasure, P.P.A.G.D.C.; W. Bro. Barker North, P.M.; W. Bro. H. Richardson (principal of the Technical College); and Bros. J. W. Thorpe, G. C. Crummack, F. E. H. Soar and A. H. Ashcroft.

Wills

MR. WILLIAM McMULLAN, Ardville, Marino, Belfast, chairman of McMullan & Co., Ltd., wholesale druggists, Belfast, a past president of the Belfast Chamber of Commerce, who died on February 26 last, aged sixty-eight, left personal estate valued £19,124.

MR. GEORGE WHITFIELD, Wheatcroft Towers, Scarborough, Yorks, one of the first directors of the United Drug Co., Ltd., Nottingham, a former Mayor of Scarborough, pharmaceutical chemist, who died on June 23 last, aged sixty-five, left estate gross value £9,202, with net personalty £7,724.

MR. GEORGE HENRY SNOWDON, 11 Balmoral Terrace, Gosforth, Northumberland, lately managing director of Wilkinson & Simpson, Ltd., manufacturing and retail chemists, Newcastle-upon-Tyne, who died on July 30 last, aged seventy-eight, left estate of the gross value of £2,217, with net personalty £328.

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Information Department

INFORMATION WANTED

Postal or telephone information with respect to makers or first-
hand suppliers of the undermentioned articles will be appreciated.

S/299. Bagnoll's bath cubes
T/249. Ferriphos
B/209. Gotim flybands
E/269. Hombrool
S/269. Kulhutti hair dye
G/129. My Beauty razors

S/269. Rotox foot rot cure
S/229. Dr. Salter's vermin
destroyer
W/269. 20th Century sifter
box

THE CHEMIST AND DRUGGIST

VOL. CXVII. OCTOBER 1, 1932 NO. 2747

The Position of Senna Pods

CONSIDERABLE interest has been shown in senna pods during the past few weeks, with manufacturing grades in strong demand at higher prices. The altered requirements for senna preparations in the new British Pharmacopœia, coupled with the fact that prices had fallen to an unproductive level, have tended to give increased attention to this commodity. The position of Alexandrian has created widespread interest, and the manufacturing quality has seen a rapid advance, with prices now more than double those ruling about a month ago. Commenting on the senna market at the beginning of last year (*C. & D.*, 1931, I, p. 98) we wrote: "If the proposed change over to pods becomes official, it would appear that the use of Tinnevely or Alexandrian variety will remain optional, as in the present case of leaves, and it is probable that much more interest will be given to the Alexandrian variety of cheap manufacturing pods (rejections from hand-picked pods), which at present are obtainable at cheap prices." As some months must elapse before the new crop becomes available, prices will probably advance further, and consumers may experience some difficulty in securing supplies of the usual manufacturing grades, and be forced to buy Tinnevely instead, or use the lower qualities of hand-picked Alexandrian, if obtainable. We understand that during the past few days Sudan shippers have cabled withdrawing recent offers, which points to the possibility of supplies at the source of origin being almost exhausted. The position of Tinnevely senna pods has also undergone a change, and the demand has been consistently good, several large orders having been placed for shipment. It is difficult to gauge the increased quantity that will be required to fulfil the new B.P. requirements—Alexandrian or Tinnevely remaining optional—but we are informed by the leading importers that, in their opinion, there should be adequate supplies available. The large contracts booked for London will probably be reflected in Continental markets in a month or two, as it appears that little covering has been done elsewhere; when it becomes apparent that London has forestalled other buying centres in securing the bulk of the crop, it may result in large orders trying to be covered here. India had practically no carry over from last season, and this season's crop is reported as being only a normal one. America has shown more interest recently in senna pods, and if this demand develops, a sharp rise may quickly come about. The principal importers are very bullish about the future market outlook, and, in view of the restricted offers for shipment of hand-picked and also f.a.q. (manufacturing) qualities, it seems that the commodity may enjoy firm conditions during the coming months. It should be remembered that hand-picked Tinnevely senna pods were selling on

spot London during the scarcity at the end of last season until the time of the new crop arrivals (October, 1931, to April, 1932) at 7½d.-8d. per lb., and f.a.q. at 5½d.-6d. per lb.; and as these values operated prior to the increased demand due to the new B.P. requirements, it appears to be an opportune moment to cover at the present rates of 7d.-7½d. per lb for hand-picked, and 4d.-5½d. per lb. for manufacturing spot London terms. Cheaper prices seem remote, and with the difficulty of securing supplies, coupled with the high premium in the price of manufacturing Alexandrian, it seems likely that the Tinnevely variety will now come into greater prominence, and show a considerable marking up before the end of the year.

Official Camphors

WE have had inquiries as to what the effect of the new monograph on camphor in the British Pharmacopœia may be. Two different substances have been included under a single description in one monograph. "Camphor B.P.," on and from October 1, is a description which may be safely applied to the natural, optically active camphor which has been known from time immemorial as camphor; or, equally, to the different substance known as synthetic or artificial camphor. A wholesaler may, therefore, in response to an order for "Camphor B.P.," supply which of the two products he wishes. Fortunately our wholesale houses have more common sense than to allow ordinary, straightforward business to be upset by the vagaries of officialdom; and they will, we anticipate, list "camphor, natural" and "camphor, synthetic," in their price lists. It will be noticed that this Siamese-twin relationship has deprived the compilers of the British Pharmacopœia of the ability to use the optical rotation of natural camphor as a character or basis of a test. So useful a feature is this, that the optical activity of linimentum camphoræ has been, hitherto, determined as a check on the evaporation method for the determination of camphor: if the evaporation method gives a result which is not in accord with that indicated by the optical rotation, adulteration is demonstrated. On October 1 this useful test must disappear, as the optical rotation of linimentum camphoræ will depend on which of the twins the pharmacist may have used in its preparation.

A Case for Economy

ON page 206 of the latest annual report of the Chief Medical Officer of the Ministry of Health, covering the year 1931, we read: "The present financial situation of the country makes strict national economy essential. . . . We must scrutinise our arrangements to see that there is no waste or duplication. . . ." In view of the fact that this series of reports has of late years been preceded, at brief intervals, by the annual reports of the Ministry of Health, we cannot help wondering why the reports of the Chief Medical Officer cannot be merged in the reports of the Ministry of which he is a distinguished official. Incidentally, the report before us makes copious quotations and adaptations from the latest annual statistical report of the Registrar-General for England and Wales; we should have supposed that very brief abstracts from, or cross-references to, this report would have served equally well. We note that "this report is the seventy-fourth of a series presented by my predecessors under the Privy Council and the Local Government Board, and since 1919 by myself." Surely any matters of public interest within the purview of the Chief Medical Officer could be incorporated in the annual reports of the Ministry of Health, and any matters not of public interest could be presented to the Minister in typescript, with a considerable saving of public money as the outcome.

The British Pharmacopœia, 1932

LISTS of (1) new articles and preparations in the British Pharmacopœia, 1932, (2) articles and preparations in the British Pharmacopœia, 1914, but not in the new volume, (3) articles and preparations retained from the previous book, but with changed names may be useful for reference in the event of some of our subscribers not receiving a copy of the new Pharmacopœia by September 30, the date of publication.

New Articles and Preparations

The following articles and preparations are included in the British Pharmacopœia, 1932, but were not in the British Pharmacopœia, 1914:—

Acidum hypophosphorosum dilutum
Acidum trichloroaceticum
Acriflavina
Æthylenum
Agar
Alcohol
Amidopyrina
Ammonii bicarbonas
Amylocaïne hydrochloridum
Antimonii et sodii tartras
Antitoxinum diphthericum
Antitoxinum tetanicum
Antitoxinum welchicum
Aqua anethi concentrata
Aqua cinnamoni concentrata
Aqua menthæ piperitæ concentrata
Aqua steriliseta
Barbitonum solubile
Barii sulphas
Belladonna pulverata
Benzoeaïna
Bismuthum præcipitatum
Caffeina et sodii benzoas
Carbonei dioxidum
Carbonei tetrachloridum
Carbomatum
Cataplasma kaolini
Chloramina
Chlorbutol
Cinchophenum
Dextrosun
Digitalis pulverata
Elixir cascariæ sagradæ
Emetinæ hydrochloridum
Emetinæ et bismuthi iodidum
Ephedrinæ hydrochloridum
Ergota præparata
Ergotoxinæ æthanesulphonas
Erythritolis tetranitras dilutus
Eucalyptol
Extractum cinchonæ
Extractum colchici liquidum
Extractum colchici siccum
Extractum hepatis liquidum
Extractum hepatis siccum
Extractum hyoscyami liquidum
Extractum mali
Extractum mali cum oleo morrhue
Extractum pituitarii liquidum
Extractum senegæ liquidum
Extractum sennæ liquidum
Fluoresceinum solubile
Gelatinum zinci
Hydrargyri oxycyanidum
Ichthammol
Indicarininum
Infusum aurantii concentratum
Infusum buchu concentratum
Infusum calumbæ concentratum
Infusum caryophylli concentratum
Infusum gentianæ compositum concentratum
Infusum quassia concentratum
Infusum senegæ concentratum
Infusum sennæ concentratum
Injectio bismuthi
Injectio bismuthi salicylatis
Injectio ferri
Injectio hydrargyri
Injectio hydrargyri subchloridi
Injectio sodii chloridi et acaciae
Insulinum
Iodophthaleinum
Ipecacuanha pulverata
Jalapæ pulverata
Lævulosum
Liquor ammonii acetatis fortis
Liquor ergosterolis irradiati
Liquor iodi simplex
Liquor sodæ chlorinatae chirurgicæ
Liquor sodii chloridi physiologicus
Methylthioninæ chloridum
Mistura magnesii hydroxidi
Neosphenamina
Nitrogenii monoxidum
Nux vomica pulverata
Oculetia
Oleum chenopodii
Oleum gossypii seminis
Oleum hydnocarp
Oleum hydrocarpi æthylicum
Oleum santali australiensis
Opium pulveratum
Orthocaina
Oxygenium
Pancreatinum
Pasta zinci oxidi composita
Phenobarbitonum
Phenobarbitonum solubile
Physostigminæ salicylas
Procainæ hydrochloridum
Quinidinæ sulphas
Quininæ bisulphas
Quininæ et æthylis carbonas
Quininæ tannas
Saccharinum solubile
Serum antidysentericum (Shiga)
Sodii citras
Sodii hydroxidum
Spiritus methylatus industrialis
Strophanthinum
Sulpharsphenamina
Syrupus ferri phosphatis compositus
Theophyllina et sodii acetat
Thyroxinsodium
Tinctura ipecacuanhæ
Tinctura zingiberis fortis
Totaguina
Tonicum diphthericum calefactum
Tonicum diphthericum detoxicatum
Tonicum diphthericum diagnosticum
Tuberculinum pristinum

Unguentum acidi tannici
Unguentum agnosum
Unguentum simplex
Urea

Vaccinum typho-paratyphosum (T.A.B.)
Vaccinum vaccinæ
Zinci stearas

Articles and Preparations Omitted

The following articles and preparations were included in the British Pharmacopœia, 1914, but are not included in the British Pharmacopœia, 1932:—

Acaciæ cortex
Acetanilidum
Acetum cantharidini
Acetum urginæ
Acidum hydriodicum dilutum
Acidum nitricum dilutum
Acidum nitro-hydrochloricum dilutum
Acidum sulphuricum aromaticum
Acidum sulphurosum
Aconitina
Æther aceticus
Agropyrum
Alstonia
Alumen exsiccatum
Ammoniacum
Ammonii benzoas
Ammonii bromidum
Amygdala amara
Amygdala dulcis
Anisi fructus
Anthemidis flores
Antimonii oxidum
Antimonium sulphuratum
Aqua anisi
Aqua aurantii floris
Aqua carvi
Aqua fœniculi
Aqua laurocerasi
Aqua menthæ viridis
Aqua rose
Araoba
Argentum nitras mitigatus
Armoraciæ radix
Arnicae flores
Aurantii cortex indicis
Bebe fructus
Benzaminæ lactas
Benzepum
Berberis
Betel
Bismuthi subnitras
Butæ gummi
Butæ semina
Butyl-chloral hydras
Caffeinæ citras
Caffeinæ citras effervescens
Calcii hypophosphis
Calx
Calx sulphurata
Cannabis indica
Carbo ligni
Carbon disulphidum
Cascarilla
Cassia fructus
Catechu nigrum
Ceteum
Chirato
Chloral formamidum
Collodium
Collodium vesicans
Confectio piperis
Confectio rosæ gallicæ
Cubebæ fructus
Cucurbitæ semina præparata
Cusso
Daturæ folia
Daturæ semina
Decoctum acaciæ corticis
Decoctum agropyri
Decoctum aloes compositum
Decoctum gossypii radices
Decoctum hematoxyli
Decoctum ispaghulæ
Decoctum sappan
Enbelia
Emplastrum calefaciens
Emplastrum hydrargyri
Emplastrum menthol
Emplastrum saponis
Euonymi cortex
Extractum agropyri liquidum
Extractum aloes
Extractum belæ liquidum
Extractum cannabis indicæ
Extractum colchici
Extractum ergotæ
Extractum euonymi
Extractum gossypii radices corticis liquidum
Extractum grindeliæ liquidum
Extractum hydrastis liquidum
Extractum kava liquidum
Extractum opii liquidum
Extractum picrorhizæ liquidum
Extractum rhei
Extractum strophanthi
Extractum taraxaci
Extractum viburni liquidum
Ferri et potassii tartras
Ferri phosphas saccharatus
Galla
Gelsemii radix
Glusidum
Glycerinum pepsini
Glycerinum plumbi subaceticis
Glycerinum tragacanthæ
Gossypii radices cortex
Gossypium
Grindelia
Guaiaci lignum
Guaiaci resina
Guaiacol carbonas
Gummi indicum
Hamatoxyli lignum
Hamamelidis cortex
Hirudo
Hydrargyri oxidum rubrum
Hydrastis rhizoma
Hyoscyaminæ sulphas
Infusum alstoniæ
Infusum aurantii compositum
Infusum cascariellæ
Infusum chiratæ
Infusum cinchonæ acidum
Infusum ergotæ
Infusum krameriæ
Infusum rhei
Infusum rosæ acidum
Infusum scoparii
Infusum uvæ ursi
Injectio apomorphinæ hypodermica
Injectio cocainæ hypodermica
Injectio ergotæ hypodermica
Injectio morphinæ hypodermica
Injectio strychninæ hypodermica
Ispaghula
Jalapæ resina
Kaladana
Kaladana resina
Kava rhizoma
Kino
Kino eucalypti
Lauocerasi folia
Limentum ammoniac

Linimentum calcis
 Linimentum chloroformi
 Linimentum crotonis
 Linimentum hydrargyri
 Linimentum opii
 Linimentum potassii iodidi cum sapone
 Linimentum sinapis
 Liquor acidi chromici
 Liquor ammonii citratis
 Liquor arsenici hydrochloricus
 Liquor atropinae sulphatis
 Liquor bisnuthi et ammonii citratis
 Liquor calcis chlorinatae
 Liquor calcis saccharatus
 Liquor othyl nitritus
 Liquor ferri perchloridi fortis
 Liquor ferri persulphatis
 Liquor formaldehydi saponatus
 Liquor hamamelidis
 Liquor hydrargyri nitratis acidus
 Liquor morphinae acetatis
 Liquor morphinae tartratis
 Liquor pancreatis
 Liquor potassii permanganatis
 Liquor sodae chlorinatae
 Liquor sodii arsenatis
 Liquor zinci chloridi
 Lithii carbonas
 Lithii citras
 Lithii citras effervescens
 Lotio hydrargyri flava
 Magnesii sulphas effervescens
 Mistura ammoniaci
 Mistura amygdalae
 Mistura cretae
 Mistura ferri composita
 Mistura guaiaci
 Mistura olei ricini
 Morphinae acetas
 Mucilago gummi indicis
 Myrobalanum
 Oleum ajowan
 Oleum anthenidis
 Oleum chaulmoograe
 Oleum copaibae
 Oleum crotonis
 Oleum cubebae
 Oleum cubebae
 Oleum gaultheriae
 Oleum graninis citrati
 Oleum juniperi
 Oleum menthae viridis
 Oleum phosphoratum
 Oleum rose
 Oleum sinapis volatile
 Oliveri cortex
 Oxymel urginæ
 Phosphorus
 Physostigminae sulphas
 Picrorhiza
 Pilula aloes et myrrhae
 Pilula colocynthidis composita
 Pilula hydrargyri subchloridi composita
 Pilula ipecacuanhae cum scilla
 Pilula ipecacuanhae cum urginæ
 Pilula phosphori
 Pilula plumbi cum opio
 Pilula quinae sulphatis
 Pilula saponis composita
 Pilula scillae composita
 Pilula urginæ composita
 Plumbi iodidum
 Potassii bichromas
 Potassii sulphas
 Potassii tartras
 Pterocarpis lignum
 Pulvis amygdalae compositus
 Pulvis antimonialis
 Pulvis butae seminum
 Pulvis catechu compositus
 Pulvis cinnamomi compositus
 Pulvis kino compositus
 Pulvis opii compositus
 Pulvis scammoniae compositus
 Pyrethri radix
 Rheados petala
 Rosae gallicae petala

Salol
 Sappan
 Scammoniae radix
 Scoparii cacumina
 Sevum benzoatum
 Sodii arsenas anhydrosus
 Sodii citro-tartras effervescens
 Sodii hypophosphis
 Sodii sulphis
 Spiritus ammoniae fetidus
 Spiritus anisi
 Spiritus armoraciae compositus
 Spiritus cinnamomi
 Spiritus juniperi
 Spiritus lavandulae
 Spiritus myristice
 Spiritus rosmarini
 Staphisagriae semina
 Strontii bromidum
 Strychnina
 Succus limonis
 Succus scoparii
 Succus taraxaci
 Syrupus acidi hydriodici
 Syrupus aromaticus
 Syrupus aurantii floris
 Syrupus calcii lactophosphatis
 Syrupus cascarae aromaticus
 Syrupus chloral
 Syrupus codeinae phosphatis
 Syrupus ferri phosphatis
 Syrupus rhei
 Syrupus rhododendri
 Syrupus rosae
 Syrupus urginæ
 Taraxaci radix
 Terebinthina canadensis
 Tinctura acoriti
 Tinctura alstoniae
 Tinctura arnicae florum
 Tinctura berberidis
 Tinctura buchu
 Tinctura cannabidis indicæ
 Tinctura cantharidini
 Tinctura cascariellae
 Tinctura chiratae
 Tinctura chloroformi et morphinae composita
 Tinctura cinnamomi
 Tinctura cubebae
 Tinctura daturae seminum
 Tinctura ergotae ammoniata
 Tinctura ferri perchloridi
 Tinctura gelsemii
 Tinctura guaiaci ammoniata
 Tinctura hamamelidis
 Tinctura hydrastis
 Tinctura jalapae
 Tinctura jalapae composita
 Tinctura kaladanæ
 Tinctura kino
 Tinctura lavandulae composita
 Tinctura oliveri corticis
 Tinctura opii ammoniata
 Tinctura picrorhizae
 Tinctura podophylli
 Tinctura podophylli indicis
 Tinctura pruni virginianæ
 Tinctura pyrethri
 Tinctura quinae
 Tinctura sennae composita
 Tinctura serpentariae
 Tinctura urginæ
 Tinctura valerianæ indicis ammoniata
 Trochiscus acidi benzoici
 Trochiscus catechu
 Trochiscus ferri redacti
 Trochiscus guaiaci resinae
 Trochiscus ipecacuanhae
 Trochiscus kino eucalypti
 Trochiscus morphinae
 Trochiscus potassii chloratis
 Trochiscus santonini
 Trochiscus sulphuris
 Turpethum
 Unguentum aconitinae
 Unguentum aquae rosae
 Unguentum atropinae
 Unguentum belladonnae
 Unguentum cantharidini
 Unguentum cetacci
 Unguentum chaulmoograe

Unguentum cocainæ
 Unguentum creosoti
 Unguentum eucalypti
 Unguentum gallae
 Unguentum gallae cum opio
 Unguentum hamamelidis
 Unguentum hydrargyri iodidi rubrum
 Unguentum hydrargyri oxidi flavi
 Unguentum hydrargyri oxidi rubri
 Unguentum iodi
 Unguentum iodoformi
 Unguentum lanae compositum
 Unguentum myrobalani
 Unguentum myrobalani cum opio
 Unguentum picis liquidæ
 Unguentum plumbi iodidi
 Unguentum plumbi subacetatis

Unguentum potassii iodidi
 Unguentum resinae
 Unguentum staphisagriae
 Urtica
 Uva ursi folia
 Valerianæ indicæ rhizoma
 Viburnum
 Vinum antimonialle
 Vinum aurantii
 Vinum colchici
 Vinum ferri
 Vinum ferri citratis
 Vinum ipecacuanhae
 Vinum quinae
 Vinum xericum
 Zinci acetas
 Zinci carbonas
 Zinci oleostearas
 Zinci valerianas

Changed Names of Articles and Preparations

The names of the following articles and preparations have been changed from those in the British Pharmacopoeia, 1914:—

B.P. 1914	B.P. 1932
Acaciae gummi	Acacia
Acidum arseniosum	Arseni trioxidum
„ carbolicum	Phenol
„ carbolicum liquefactum	Phenol liquefactum
„ chromicum	Chromii trioxidum
„ phosphoricum conc.	Acidum phosphoricum
„ picricum	Trinitrophenol
Aconiti radix	Aconitum
Adeps preparatus	Adeps
Adrenalinum	Adrenalina
Æther purificatus	Æther anæstheticus
Alcohol absolutum	Alcohol dehydratum
Alumen purificatum	Alumen
Anethi fructus	Anethum
Antimonium tartaratum	Antimonii et potassii tartras
Aqua anethi	Aqua anethi destillata
„ cinnamomi	Aqua cinnamoni destillata
„ menthae piperitæ	Aqua menthae piperitæ destillata
Arsenii iodidum	Arseni triiodidum
Belladonnae folia	Belladonnae folium
Borax purificatus	Borax
Buchu folia	Buchu
Calcii carbonas precipitatus	Calcii carbonas
Calcii hydras	Calcii hydroxidum
Calumbæ radix	Calumba
Capsici fructus	Capsicum
Cardamomi semina	Cardamomum
Carui fructus	Carum
Cassia pulpa	Cassia
Cinchonæ rubrae cortex	Cinchona
Cinnamomi cortex	Cinnamomum
Colchici semina	Colchici semen
Colocynthis pulpa	Colocynthis
Coriandri fructus	Coriandrum
Creta preparata	Creta
Digitalis folia	Digitalis folium
Emplastrum resinae	Emp. colophonii
Ethyl chloridum	Æthylis chloridum
Extractum filicis liquidum	Extractum filicis
„ hyoscyami	Extractum hyoscyami siccum
„ krameriae	Extractum krameriae siccum
Fel bovinum purificatum	Extractum fellis bovini
Foeniculi fructus	Foeniculum
Gentianæ radix	Gentiana
Glucosium	Glucosum liquidum
Glycerin acidi carbolicis	Glycerinum phenolis
Glycyrrhizæ radix	Glycyrrhiza
Hamamelidis folia	Hamamelis
Hyoscyami folia	Hyoscyamus
Infusum aurantii	Infusum aurantii recens
„ buchu	Infusum buchu recens
„ calumbæ	Infusum calumbæ recens
„ caryophylli	Infusum caryophylli recens
„ digitalis	Infusum digitalis recens
„ gentianæ compositum	Infusum gentianæ compositum recens
„ quassiae	Infusum quassiae recens
„ senege	Infusum senege recens
„ sennæ	Infusum sennæ recens
Ipecacuanhae radix	Ipecacuanha

B.P. 1914	B.P. 1932	B.P. 1914	B.P. 1932
Ipomoea radix	Ipomoea	Resina	Colophonium
Krameria radix	Krameria	Resorcinum	Resorcinol
Lini semina	Linum	Rhei rhizoma	Rheum
Lini semina contusa	Linum contusum	Saccharum lactis	Lactosum
Liquor annoniae	Liquor annoniae dilutus	Saccharum purifacum	Sacrosum
Liquor ammonii acetatis	Liquor ammonii acetatus dilutus	Senegae radix	Senega
Liquor calcis	Liquor calcii hydroxidi	Sennae folia	Sennae folium
Liquor potassae	Liquor potassii hydroxidi	Serpentariae rhizoma	Serpentaria
Liquor trinitrini	Liquor glycerylis trinitratis	Sevum praeparatum	Sevum
Magnesia levis	Magnesium oxidum leve	Stramonii folia	Stramonium
Magnesia ponderosa	Magnesium oxidum ponderosum	Strophanthi semina	Strophanthus
Naphthol	Beta-naphthol	Styrax praeparatus	Styrax
Oleum carui	Oleum cari	Suppositoria acidi carbolici	Suppositorium phenolis
Oleum terebinthinae	Oleum terebinthinae	Suppositoria plumbi composita	Suppositorium plumbi cum opio
Paraffinum molle	Paraffinum molle album	Syrupus glucosi	Syrupus glucosi liquidi
	Paraffinum molle flavum	" pruni virginianae	Syrupus pruni serotinae
Pilula ferri	Pilula ferri carbonatis	Tabellae trinitrini	Tabellae glycerylis trinitratis
Plumbi oxidum	Plumbi monoxidum	Thyroideum siccum	Thyroideum
Podophylli indicis rhizoma	Podophyllum indicum	Tinctura camphorae composita	Tinctura opii camphorata
Podophylli rhizoma	Podophyllum	Tinctura iodi fortis	Liquor iodi fortis
Potassa caustica	Potassii hydroxidum	" " mitis	" " mitis
Pruni virginianae cortex	Prunus serotina	" quinae ammoniata	" quinae ammoniata
Pulvis ipecacuanhae compositus	Pulvis ipecacuanhae et opii	" zingiberis	Tinctura zingiberis mitis
Pulvis sodae tartaratae		Trochiscus acidi carbolici	Trochiscus phenolis
Quassiae lignum	Quassia	Unguentum acidi carbolici	Unguentum phenolis
Quillaiae cortex	Quillaia	Unguentum hydrargyri nitratis	Unguentum hydrargyri
Quinae hydrochloridum	Quinae dihydrochloridum	Unguentum zinci	Unguentum zinci oxidi
		Valerianae rhizoma	Valeriana

Tinctura Ipecacuanhae

The following words have been inserted on a slip in copies of the new British Pharmacopœia on sale on September 30:—

When Vinum Ipecacuanhae or Ipecacuanha Wine is prescribed or demanded Tinctura Ipecacuanhae shall be dispensed or supplied.

Stabiliser for Hydrogen Peroxide

THE stabilising or conservation of non-fatty toilet creams and of cold creams by means of Nipagin, the methyl ester of *p*-oxybenzoic acid, is well known. In a recent issue of "Die Zeitung für Parfümerie und Kosmetik," J. Augustin describes various other uses for Nipagin as a stabiliser. An interesting problem, for example, is the conservation of hydrogen peroxide solutions, especially of high concentration. Three per cent. solutions very soon lose their oxygen content, but those of higher strength lose it still more rapidly. Various substances have been hitherto recommended as stabilisers to prevent loss of oxygen, such as boric or hydrochloric acid; also acetanilide (antifebrin) up to 1 per cent. has been strongly recommended, though this latter is said to have injurious effects on the human organism. It has been found that by addition of 0.1 per cent. of *p*-oxybenzoic acid methyl ester a 3 per cent. solution of hydrogen peroxide can be kept up to its original strength for two years, whilst a control sample without addition of Nipagin had its oxygen content reduced to zero. One explanation of this preservative effect consists in the assumption that the Nipagin has an inhibitive action on the micro-organisms which otherwise tend to decompose hydrogen peroxide. Another view is that the Nipagin acts as a negative catalyst which prevents the splitting off of oxygen. In a similar manner other oxygen carriers, such as sodium perborate, are stabilised and rendered practically immune from premature loss of oxygen. It is recommended that a small addition of Nipagin be made to preparations such as face creams, dentifrices, etc., containing peroxide or other oxygen carrier. When used with face creams it may be dissolved in hot water. In the case of dentifrices it should be dissolved in some alcohol, and the alcoholic solution stirred in with the tooth paste.

The sterilisation of boric acid by means of Nipagin is of considerable interest. Up to 1.5 per

cent. of the Nipagin may be used; but if dissolved in alcohol (1 to 6) and suitably mixed up with the boric acid it is probable that 0.5 to 0.8 per cent. would suffice.

Of still greater interest is the use of Nipagin for sterilising talcum and other face powder constituents. It has been claimed for talcum that it is less easily infected with micro-organisms than starches or other organic meals and powders, but even after it has been completely sterilised, at least for a time, by heating, there is no guarantee that it may not be subsequently infected. It can, however, be definitely and permanently sterilised by the addition of 0.4 to 1 per cent. Nipagin, the maximum amount named only being necessary if it is used in a finely powdered form instead of in solution. That water-insoluble substances require more Nipagin than creamy or liquid substances is due to the fact that in these latter the methyl ester is far more finely divided and more effectively distributed. In a toilet powder thus effectively sterilised by Nipagin there is much less possibility of the perfume being decomposed or otherwise spoilt, a very important consideration, in view of the ease with which many perfumes are decomposed. And a further point is that the skin excretions (perspiration) are less easily decomposed, and this, too, is an important consideration from the point of view of body powders or cosmetics.

Various kinds of capsules are made much more durable if from 0.08 to 0.1 per cent. Nipagin is dissolved in the particular liquid used, such as water, glycerin, formaldehyde. This latter, at all events, quickly evaporates in the absence of Nipagin, and thus all effective preservative disappears. Corks also can be thoroughly protected against moulds or the like by impregnating them with a Nipagin solution—10 gm. Nipagin dissolved in 100 gm. alcohol and 20 gm. water. This is much better than salicylic acid treatment for corks and stoppers. Notwithstanding their strong bacterial and preservative action Nipagin and its homologues are without injurious effect on the human organism.

Trade Report

Where possible scales of prices of chemicals are given for bulk down to small quantities. Prices recorded for crude drugs, essential and fixed oils and coal tar products are for fair sized wholesale quantities. Qualities of chemicals, drugs, essential and fixed oils, etc., vary, and selected brands or grades would be at higher values

28 Essex Street, W.C.2, September 29

A RATHER uneventful week is reported. The markets as a whole are particularly steady as regards values and a number of items in the crude drugs and essential oils sections have been in really active demand and values in these cases are again dearer. The slight depreciation in sterling exchange rates has hardened the shipment positions in many instances. A noticeable feature of the week has been the considerable purchases for shipment to the Continent and to America. In pharmaceuticals there is again nothing of outstanding interest to record. The markets are all very steady and business progresses on modest lines. Makers' price for citric acid has been reduced. In crude drugs, business in most products has been fair in smallish quantities, but the markets dealing in cod-liver oil, menthol and senna have been active and, with ipecacuanha, buchu and a few others, are distinctly firm. About the only depressed item is agar-agar, which is rather unsteady and dull. In essential oils a very fair total of business has been done this week and the general tone is bright. Ceylon and Java citronella have been exceptionally active, closing firm and dearer. Japanese dementholised peppermint shows a further advance on spot and for shipment; business has been brisk in both markets. The American oil for shipment is firm with no quotations at the moment. Spanish spike is again rather dearer on spot. In the fixed oils group rather less business has been done and a little of the recent improvement has been lost. These markets are all fairly steady as now quoted. The coal-tar products section reports good business in carbolic acid crystals, and it is understood that the scale of prices is to be advanced.

Exchange Rates on London

THE following is a list of the chief Continental and other exchange rates at the opening on Thursday morning:—

Centre	Quoted	Par	September 29	Value of the £
Amsterdam ..	Fl. to £	12.107	8.59½	14/2½
Berlin ..	Mks. to £	20.43	14.50½	14/2½
Brussels ..	Pelga to £	35	24.87½	14/2½
Copenhagen ..	Kr. to £	18.159	19.27½	21/2½
Lisbon ..	Esc. to £	110	110	20/0
Madrid ..	Ptas. to £	25.22½	42½	33/4
Milan ..	Lire to £	92.46	67½	14/4½
Montreal ..	Dol. to £	4.86½	3.81	15/8
New York ..	Dol. to £	4.86½	3.45½	14/2½
Oslo ..	Kr. to £	18.159	19.85	21/10½
Paris ..	Fr. to £	124.21	88½	14/2½
Prague ..	Kr. to £	164.25	116½	15/0½
Stockholm ..	Kr. to £	18.159	19.47½	21/5½
Warsaw ..	Zloty to £	43.38	31	14/3½
Zurich ..	Fr. to £	25.2215	17.90½	14/2½

Bank rate 2 per cent.

Pharmaceutical Chemicals, etc.

THE general tone continues very steady and is being strengthened in many instances through the slight set-back in sterling exchange rates. Business is moving on nice lines and there is practically no weak point in the markets. The controlled prices for phenolphthalein are now being obtained.

ACETANILID is meeting with the average small business; market steady: B.P. crystals and powder, 1s. 5½d. to 1s. 8d. per lb. as to quantity.

AMIDOL continues unchanged and rather quieter: 56 lb., 7s. 3d.; 28 lb., 7s. 6d.; 14 lb., 7s. 11d. per lb., in 7-lb. tins.

AMIDOPYRIN.—Dealers find business restricted and at keen prices on spot; forward rather dearer: spot, crystals, two cwt., 18s. 2d.; less than two cwt., 18s. 6d. per lb., with powder 2d. per lb. extra.

AMMONIUM BENZOATE meets with a moderate demand, with prices holding at about 3s. 4d. to 3s. 6d. per lb. as to quantity.

ASPIRIN.—Business continues on a very good scale, with makers' and dealers' prices quite steady. Home trade: ten cwt., 2s. 7d.; five cwt., 2s. 8d.; one cwt., 2s. 8½d.; 28 lb., 2s. 9d.; 14 lb., 2s. 10d.; 7 lb., 3s. per lb. Export to Colonies and British Possessions: ten cwt., 2s. 7d.; five cwt., 2s. 8d.; one cwt., 2s. 8½d. per lb. f.o.b.; less than one cwt., 2s. 9d. per lb. ex works.

BARBITONE.—Dealers' spot offers are still cheaper than replacement costs; business limited: spot, one cwt., 10s. 9d.; 56 lb., 11s.; 14 lb., 11s. 6d.; smaller parcels, 11s. 9d. per lb.

BENZOIC ACID (B.P.).—The market is steady and business is fairly satisfactory: quantities ex works, 1s. 9½d.; spot parcels, 1s. 10d. to 2s. 1d. per lb., ex store, as to quantity.

BENZONAPHTHOL.—Business is mostly in small lots, with prices quoted from 3s. 5d. to 3s. 8d. per lb. as to quantity.

BROMIDES.—This market keeps steady and inquiry has been a little better of late: ammonium, not less than five cwt., 1s. 9d.; one cwt., 1s. 10d.; smaller quantities, 2s. 1d. per lb.; potassium, B.P. crystals and granular, not less than five cwt., 1s. 6d.; one cwt., 1s. 7d.; smaller quantities, 1s. 10d. per lb.; sodium, B.P., not less than five cwt., 1s. 8d.; one cwt., 1s. 9d.; smaller quantities, 2s. per lb. net, without engagement. Special prices for larger quantities.

BUTYL CHLORAL HYDRATE is unchanged on a rather slow market: spot, 14 lb., 8s.; 7 lb., 8s. 3d.; 1 lb., 8s. 6d. per lb., in 1-lb. bottles.

CAFFEINE.—There is keen competition here for a limited business; some offers are very cheap: pure alkaloid, 5s. 6d. to 6s. per lb.; citrate, 4s. 4d. to 4s. 9d. per lb. for quantities; higher prices for small parcels.

CALCIUM LACTATE.—A very fair inquiry is being received and the market is steady, although competitive: spot, one cwt., 1s. 1d.; 56 lb., 1s. 2d.; 28 lb., 1s. 2½d.; smaller parcels, up to 1s. 6d. per lb.

CHLORAL HYDRATE.—Makers' prices are very steady and command the home market: duty-paid crystals, in 14-lb. free containers, five cwt., 3s. 4d.; one cwt., 3s. 5d.; 56 lb., 3s. 6d.; 28 lb., 3s. 7d.; 14 lb., 3s. 8d. per lb.; 28-lb. jars, one penny per lb. extra.

CITRIC ACID (B.P. CRYSTALS).—Makers' quoted price for home trade has been reduced to 10½d. per lb., less 5 per cent. discount, nominal and without engagement. Dealers' prices are very competitive.

CREAM OF TARTAR.—The home trade price quoted by the home makers is unchanged at 85s. per cwt., less 2½ per cent. discount, nominal and without engagement. Dealers are offering at about level figures.

HEXAMINE.—There is competition for any good-sized business: ten cwt., 2s. 2½d.; two cwt., 2s. 3d.; one cwt., 2s. 3½d.; smaller parcels, up to 2s. 6d. per lb. Forward prices on a gold basis are unchanged.

HYDROQUINONE.—Dealers' prices are about steady, with isolated offers at slightly cheaper figures; business is rather quiet: ten cwt., 4s. 8½d.; five cwt., 4s. 9½d.; two cwt., 4s. 10½d.; one cwt., 4s. 10½d.; 56 lb., 4s. 11½d.; 28 lb., 5s. 1½d.; 14 lb., 5s. 3½d.; 7 lb., 5s. 5½d. per lb., carriage paid.

LACTIC ACID (B.P.).—Business is fairly good on a competitive market: quantities in carboys, 1s. 5½d. to 1s. 6d.; in demijohns, about 1s. 7d.; in winchesters, 1s. 8½d. to 1s. 9d. per lb. as to quantity.

METHYL SALICYLATE (B.P.).—Business continues on a good scale, with makers' and dealers' prices level and steady: one ton and over, 1s. 4½d.; ten cwt., 1s. 5d.; five cwt., 1s. 5½d.; one cwt., 1s. 6d.; less than one cwt., 1s. 6½d.; smaller quantities in bottles, up to 2s. per lb.

METHYL SULPHONAL.—The market is steady as quoted by dealers; forward prices would be dearer: spot, two cwt., 19s. 3d.; one cwt., 19s. 9d.; 56 lb., 20s. 3d.; small parcels, 21s. per lb.

METOL continues steady, with a limited business in small quantities moving: 56 lb., 9s. 3d.; 28 lb., 9s. 6d.; 14 lb.,

9s. 9d.; 7 lb., 10s. 9d. per lb., in tins; bottles extra, carriage paid. Wholesale distributors' prices for small quantities at higher prices.

MILK SUGAR.—Business is fairly satisfactory, with competitive prices quoted for Continental material: one ton, 50s. 6d.; ten cwt., 51s. 6d.; two cwt., 52s. 6d. per cwt., in two-cwt. cases.

PARALDEHYDE.—Keen prices are being quoted for bulk quantities from 1s. to 1s. 1½d. per lb., in carboys; smaller lots in winchesters, 1s. 4d. to 1s. 6d. per lb.

PHENACETIN.—Dealers' spot offers are very competitive and isolated cheap offers are noted: spot, crystals, ten cwt., 5s. 3d.; five cwt., 5s. 4½d.; two cwt., 5s. 5d.; and less, up to 6s. 3d. per lb., with powder 2d. per lb. extra.

PHENAZONE.—Business is rather quiet, but dealers' quoted prices are about maintained: crystals, ten cwt., 5s. 3d.; five cwt., 5s. 4½d.; two cwt., 5s. 5d.; and less, up to 6s. 3d. per lb., with powder 2d. per lb. extra.

PHENOLPHTHALEIN.—The market is steady at home makers' controlled scale of prices: five cwt. and over, 3s. 10d.; two cwt., 3s. 11d.; one cwt., 4s.; 23 lb., 4s. 3d.; 14 lb., 4s. 6d.; 7 lb., 4s. 9d. per lb.; small lots, 5s. per lb.

POTASSIUM PERMANGANATE (B.P.).—Dealers' prices are steadily maintained; business fair in small lots: quantities in drums, 8½d. to 9½d.; druggists' parcels, 9½d. to 10d. per lb.

POTASSIUM SULPHOGUAIACOLATE.—The market is rather lifeless, with dealers quoting spot at 4s. 9d. to 5s. per lb. as to quantity.

PYROGALLIC ACID is unchanged on a rather dull market: one cwt., 6s. 9d.; 56 lb., 7s.; 23 lb., 7s. 3d.; 14 lb., 7s. 9d.; 7 lb., 8s. 6d. per lb. in 7-lb. tins.

QUININE SULPHATE.—There is no change in the Convention price as quoted at 2s. 4d. per oz., carriage paid on bulk quantities.

RESORCIN continues to find a fair volume of business on a steady market: crystals, one cwt., 4s. 6d.; 56 lb., 4s. 7d.; 23 lb., 4s. 8d.; 14 lb., 4s. 10d.; 7 lb., 5s.; less than 7 lb., 5s. 6d. per lb., with powder 3d. per lb. extra.

SALICYLIC ACID (B.P.).—Home makers' prices are firm; business satisfactory: one ton, 1s. 5d.; ten cwt., 1s. 5½d.; five cwt., 1s. 6d.; one cwt., 1s. 6½d.; small parcels, up to 2s. per lb.

SALOL continues to receive inquiry, with dealers' prices steady: spot, crystals, two cwt., 5s. 2½d.; one cwt., 5s. 4½d.; 56 lb., 5s. 6d.; smaller parcels, 5s. 7½d. per lb.; powder, 2d. per lb. extra.

SODIUM BENZOATE (B.P.).—A fair amount of business is being done at competitive prices: bulk quantities, 1s. 6½d.; cwt. lots, 1s. 7d.; smaller parcels, up to 2s. per lb.

SODIUM DIETHYLBARBITURATE.—The market is steady although business remains poor: spot, one cwt., 12s. 9d.; 56 lb., 12s. 10d.; 23 lb., 13s.; 14 lb., 13s. 2d.; 7 lb., 13s. 3d.; smaller parcels, up to 13s. 9d. per lb.

SODIUM SALICYLATE (B.P.).—Business continues on a good scale, with makers' and dealers' prices steady. Home trade: powder, two tons, 1s. 10d.; one ton, 1s. 10½d.; ten cwt., 1s. 11d.; five cwt., 1s. 11½d.; one cwt., 2s.; 23 lb., 2s. 1d.; 14 lb., 2s. 3d. per lb., with crystals 1d. per lb. extra.

SULPHONAL.—Dealers' spot prices are holding steady, dearer forward; business quiet: crystals, two cwt., 15s. 7d.; one cwt., 16s.; 56 lb., 16s. 3d.; small parcels, up to 17s. per lb., with powder 2d. per lb. extra.

TANNIC ACID (LEVISS).—Spot prices are in the region of 3s. 4d. to 3s. 6d. for quantities in kegs and up to 3s. 9d. per lb. for small parcels.

TARTARIC ACID (B.P. CRYSTALS).—Makers' price continues at the reduction notified last week, being quoted at 10½d. per lb., less 5 per cent. discount, nominal and without engagement. Dealers are offering at competitive prices.

THEOBROMINE.—Spot offers continue at depressed values on a competitive market: pure alkaloid, 5s. 3d. to 5s. 6d.; sodium salicylate, 5s. to 5s. 4d. per lb. as to quantity.

THYMOL.—The recent improvement in values is being maintained; some offers may be at slightly less: synthetic, fine white, one cwt., 6s.; 56 lb., 6s. 1½d.; 23 lb., 6s. 3d.; 14 lb., 6s. 4½d.; 7 lb., 6s. 5d.; ex ajowan seed, one cwt., 7s. 6d.; 56 lb., 7s. 7½d.; 23 lb., 7s. 9d.; 14 lb., 8s. per lb.

VANILLIN.—Business has been a little better; isolated offers at keen prices: ex guaiacol, one ton, 14s. 3d.; ten cwt., 14s. 6d.; five cwt., 14s. 9d.; three cwt., 15s.; one cwt., 15s. 3d.; 56 lb., 15s. 6d.; 23 lb., 15s. 9d.; 14 lb., 16s.; less, 16s. 3d. per lb.; ex clove oil, 16s. to 18s. per lb. as to quantity, from one ton to less than 14 lb.

Crude Drugs, etc.

AGAR-AGAR.—The spot market has been dull and is quoted rather easier. Spot, Kobe No. 1, 2s. 10d.; No. 2, 2s. 8d.; Yokohama No. 1, 2s. 8d. per lb.; shipment, Kobe No. 1, 2s. 1d.; No. 2, 1s. 10d.; Yokohama No. 1, 1s. 10d. per lb. c.i.f.

ANTIMONY.—The market is steadier, with shipment prices dearer, Chinese, crude, spot, £16; shipment, £15 10s. c.i.f. Chinese, oxide, spot, £27; shipment, £21 c.i.f.

BALSAMS.—The demand for *Tolu* is limited, with the price about 3s. 3d. to 3s. 4d. per lb. Canada is quoted on spot at 3s. 6d. per lb.

BELLADONNA.—Spot supplies of leaves are quoted at about 67s. 6d. per cwt.; new supplies of leaves, due in about fourteen days. Root is quoted at about 57s. 6d. per cwt.

BUCHU.—A steady business is being done. Good green rounds are scarce and held for fully 1s. 4d.; medium to fair rounds, 1s. 1d. to 1s. 2d.; ovals are in fair inquiry and quoted at 9d. to 9½d. per lb.

CAMPHOR.—The spot market for Japanese is steady and some fair business is reported. Spot, slabs, 2s. 4½d.; tablet, 3s. per lb.; shipment, slabs, 1s. 11d.; flowers, 1s. 11½d.; tablets, 2s. 3½d. per lb. c.i.f. English refined is quoted unchanged: flowers, one cwt., 3s. 1d.; 23 lb., 3s. 2d.; small lots, 3s. 3d. per lb. Transparent tablets, 4 oz., 8 oz. and 16 oz., 3s. 4d.; 1 oz. and 2 oz., 3s. 5d.; ½ oz., ¼ oz. and ⅛ oz., 3s. 6d. per lb.; special prices for contracts for quantities.

CANTHARIDES.—There appear to be no supplies of the Russian variety available. Chinese are offered on spot at 2s. per lb.

CASCARA SAGRADA.—The market continues firm and the shipment quotation has again advanced and is now at 48s. 6d. per cwt. c.i.f., in car-load lots. Spot is also dearer, with 1931 peel at 60s. and 1932 peel at 52s. 6d. per cwt.

CHAMOMILES.—The market continues very firm at fully last week's rates, and there is a steady demand.

CLOVES.—The market is fairly steady, with values level on the week; business has been limited. Zanzibar, spot, 7½d.; shipment, October-December, 6½d. per lb. c.i.f. Madagascar, spot, 7½d. per lb.

The landings of Zanzibar in London during the week ended September 24 were 100 and the deliveries 39, leaving a stock of 1,116, against 969 in 1931. From January 1 to date landings of Zanzibar have been 4,501, against 1,841 in 1931, and the deliveries 5,372, against 1,951 in 1931. Landings of Madagascar for the week ended September 24 were nil and the deliveries 37, leaving a stock of 1,423, against 1,009 in 1931. Landings of Madagascar this year to date have been 814, against 2,320 in 1931, and the deliveries 398, against 2,217 in 1931.

COCONUT (DESICCATED).—The market is quoted dearer and closes steady, with business fairly good. Spot, fine, 24s. 6d.; medium, 24s. per cwt.; shipment, halves, September-October, 23s. 3d. per cwt. c.i.f.

COD-LIVER OIL.—Business in the shipment market for finest Lofoten steam-refined non-freezing medicinal oil is good and the price is very steady at 88s. 6d. per barrel c.i.f. Spot is quoted from 100s. to 102s. 6d. per barrel, ex wharf, duty paid, as to quantity.

DIGITALIS LEAVES.—New crop leaves are due to arrive here early next month.

ERGOT.—New crop Spanish is now arriving here and is priced at 1s. 7d. to 1s. 8d. per lb., duty paid. Quality appears good and bold.

GELATIN continues in moderate demand and prices are holding steady. Spot, gold leaf, 2s. 2d.; silver leaf, 2s.; bronze leaf, 1s. 8½d.; thin leaf, 1s. 7½d. per lb., in cwt. cases.

GINGER.—West African on spot is steady at 24s. 6d.; for arrival, 22s. 6d. per cwt. c.i.f. Jamaican is well maintained at recent advances: spot, 65s. to 100s. per cwt. as to quality.

HENBANE.—Russian is keeping steady at about 40s. per cwt. New crop Hungarian is expected here about October-November.

HONEY.—Considerable business has been done this week and all the Jamaican catalogued in last week's auction has been cleared at full rates. Jamaican is now very restricted in supply on spot and there is nothing important to come forward for this season. Cuban, Guatemalan and Californian white clover are all very steady at previous rates and business is moving on fair lines. Market generally is very firm.

HYDRASTIS.—The spot market is rather firmer as now quoted at close up to 4s. 9d. per lb.

IPECACUANHA.—Matto Grosso on spot has been sold at 5s. 3d. per lb., and the few holders are now quoting 5s. 6d. per lb. The market is firm at this substantially higher figure. Apparently there are only small supplies on the Continent, and orders from that source are being placed here. Stocks here are depleted, and nothing offering in the primary market.

LIQURICE ROOT.—Prices are rather dearer, recent landings having been unremunerative. Natural Anatolian, 20s.; decorticated Sicilian, 47s. 6d.; Russian single and double peeled not available till October-November.

MENTHOL.—A further week of brisk business is reported, and prices are again dearer with the market firm. K/S brands, on spot, sold at 12s. 6d., with 12s. 7½d. to 12s. 9d. now asked. Shipment is firm and dearer: October-December, 11s. 1½d.; January-March, 11s. 1½d. per lb. c.i.f. Active inquiry for shipment.

MERCURY.—The market is very steady and business is satisfactory: spot, from £10 2s. 6d. to £10 10s. per bottle, ex warehouse, as to quantity.

OPIMUM.—The market continues quite steady at 1s. 4d. per unit, landed and duty paid. A moderate business is being done.

PEPPER.—Business has been moderate with the market about steady. Lampong, spot, 6½d.; shipment, August-October, 5½d.; October-December, 5½d.; January-March, 5½d. c.i.f. Tellicherry, spot, 7½d.; shipment, October-November, 60s. 6d. per cwt. c.i.f. Aleppy, spot, 7d.; shipment, October-November, 57s. c.i.f. White Muntok, spot, 7½d.; shipment, August-October, 6½d.; October-December, 6½d.; January-March, 6½d. per lb. c.i.f.

PIMENTO.—Spot values show a further advance, being now quoted from 4d. per lb.; shipment, September-October, 32s. per cwt. c.i.f.

POPPY HEADS.—Forward prices for mammoth heads are unusually dear, and show a rise of about 40 per cent. on last year's values. The quoted price is about 100s. per 1,000 heads, to arrive, landed and duty paid.

RUBBER.—With more interest shown the market advanced early on, but closes below the best, and fractionally dearer on the week. U.K. stocks total 102,990 tons, against 104,204 tons last week, and 134,834 tons a year ago. World stocks at August 31 totalled 588,634 tons, against 550,311 tons a year ago. Standard ribbed smoked sheet, sellers, spot, 2½d.; October, 2½d.; November, 2½d.; December, 2½d.; January-March, 1933, 2½d.; April-June, 2½d.; July-September, 3d. per lb.

SAFFRON.—The market is now steady and the usual small business is being done: spot, prime B.P., 53s. 3d.; extra B.P., 50s.; super B.P., 46s. 6d. per lb., and slightly less for bulk quantities.

SARSAPARILLA.—Business has been rather slow: market quoted unchanged. Grey Jamaica, 1s. 10d.; native, mixed colours, 1s. 1d. to 1s. 2d. per lb.

SEEDS.—ANISE.—Spanish, 53s.; Bulgarian, 35s.; and Levant, 33s. 6d. per cwt., spot. CANARY.—More inquiry spot; Mazagan sold at 13s. 6d.; Tangier, 13s.; Kenitra, 12s. 6d. LINSEED dearer. Morocco sold at 13s. spot, and 12s. 6d. c.i.f. for shipment. CORIANDER.—Morocco 1929 crop selling in small lots at 16s. Wormy, 15s.; shipment, 15s. 6d. c.i.f. CUMIN.—Morocco quoted at 32s. spot, Malta offering at 35s. FENUGREEK.—Morocco, 12s. 6d. spot. CARAWAY.—Dutch, on spot, are dearer, 30s. to 30s. 6d. now quoted, duty paid. MUSTARD.—English, 20s. to 27s. per cwt., according to quality. No bold or extra bold to be had.

SENEGA.—The market is steady but somewhat sluggish: spot, 2s. 2d. to 2s. 3d.; shipment, 2s. 1d. per lb. c.i.f.

SENNA.—The market is firm after a week of active business. Alexandrian manufacturing pods have been sold up to 6½d. per lb., and stocks have been heavily reduced. Tinnevely is stronger in sympathy, and prices coming in from India are firmer. Tinnevely, spot, hand-picked pods, 7d.; f.a.q. pods, 4d. to 4½d. per lb. Leaves are fully steady at previous rates.

SHELLAC.—The spot market is quiet but about unchanged: shipment slightly easier. Spot, standard TN orange, 65s.; fine orange, 77s. 6d. to 137s. 6d.; pure button, 82s. 6d. per cwt. For arrival, TN, September-October, 53s. 6d. c.i.f.; for delivery, TN, October, 55s. 6d.; December, 56s.; March, 58s. per cwt., all paid.

VANILLA.—The following prices are now being quoted for spot supplies:—Bourbon extra, 4½ to 5 inches, 4s. 5d.; 5½ to 6 inches, 5s. 2d.; 6½ to 6¾ inches, 5s. 6d.; 7 to 7½ inches, 7s. per lb. Bourbon, superior, 4½ to 5 inches, 4s. 2d.; 5½ to 6 inches, 4s. 11d.; 6½ to 6¾ inches, 5s. 3d.; 7½ to 8 inches, 7s. 6d. per lb. First splits, 4½ to 5 inches, 4s.; 5½ to

6 inches, 4s. 5d.; 6½ to 6¾ inches, 5s. 3d.; 7 to 7½ inches, 5s. 8d.; 7½ to 8 inches, 6s. 10d. per lb. Tahiti, block, 5 to 6 inches, 4s. 6d. per lb., in boxes of about 11-lb. net, ex warehouse. Slightly cheaper prices for larger quantities to come forward.

WAX (VARIOUS).—A fair general business has been transacted, and these products are keeping quite steady. CARNAUBA, fatty grey and chalky grey, is quoted at 85s.; medium yellow is unchanged at 130s.; fine yellow, 145s. CANDELILLA is steady at 75s. per cwt. SPERMACEIN, steady at 9½d. per lb. spot. PARAFFIN is about steady from 22s. 6d. to 50s. per cwt. as to melting point. CERESIN is quoted from 35s. to 80s. per cwt., as to colour and melting point. BEES' now very steady, with the market showing more life; bleached, discs, £7 10s.; slabs, £7 5s.; yellow refined, is rather dearer at £5 15s.; yellow crude, 97s. 6d. per cwt., spot.

Essential Oils, etc.

On the whole business this week has been satisfactory, and some products such as Ceylon and Java citronella and Japanese dementiolised peppermint are again dearer, and have been in active demand. In other directions values are keeping quite steady, and business on limited lines is recorded.

ALMOND.—The market is steady and some small business is being done: genuine s.a.p., 7s. 6d. per lb.; sweet almond, 1s. 11d. to 2s. per lb., spot.

ANISE (STAR).—This market remains rather neglected; some unimportant spot business has been done: spot, "Red Ship," in leads, 1s. 11d.; in tins, 1s. 9d.; in drums, 1s. 8½d.; shipment, in leads, 1s. 8d.; in tins, 1s. 6½d.; in drums, 1s. 6½d. per lb. c.i.f.

BERGAMOT.—There appears to be very little interest in this product. The controlled price remains at 9s. 6d. per lb., but there are spot sellers of quantities at less.

BOIS DE ROSE.—There is nothing fresh to report on Cayenne; spot supplies are practically cleared, with the price nominal; nothing being offered for shipment. Brazilian has been fairly busy on spot, and the price is now very steady at from 4s. 8d. to 4s. 10d. per lb., as to quantity. Shipment from the Continent is offering at about 4s. 4d. per lb., c.i.f. From origin, monopoly, about 6s. 4d. per lb. c.i.f.

CAJUPUT.—A good deal of trouble is being experienced with this article in connection with the new standard. Spot values are steady at 2s. 4½d. to 2s. 6d. per lb., as to quantity.

CANANGA.—Spot holders are now looking for 7s. 3d. to 7s. 6d. per lb. for their limited supplies.

CARAWAY.—A limited demand continues with Continental twice-rectified quoted in the region of 7s. 6d. to 7s. 9d. per lb. for quantities; crude, 5d. per lb. less.

CASSIA.—The market has been rather dull this week, but values are fully maintained. Spot, 3s. 9d. to 3s. 10d.; shipment, 3s. 2d. per lb. c.i.f.

CEDARWOOD.—A moderate business is being done on a steady market. American, spot, 1s. 10d. to 1s. 11d.; shipment, 1s. 7½d. per lb. c.i.f. Colonial, spot, in drums, 1s. 7½d., in tins, 1s. 9d. per lb.

CITRONELLA.—This market has experienced another week of good business, and prices show a further advance. Ceylon is now firm and in very limited supply on spot at 2s. 1d. to 2s. 3d., with shipment nominal at about 2s., with nothing offering at present. Java, on spot, is also dearer at 3s. to 3s. 3d. per lb., and in short supply; shipment, 2s. 7½d. per lb. c.i.f.

CLOVE.—The better business of last week in Madagascar has been fairly well sustained, with spot firm at 3s. 6d. to 3s. 9d., and shipment dearer at about 2s. 9d. per lb. c.i.f.

EUCALYPTUS is meeting with a steady demand on a rather keen market for big orders. Australian, 70 to 75 per cent., 1s. to 1s. 0½d.; 80 to 85 per cent., 1s. 1d. to 1s. 1½d. per lb., and slightly less for bulk quantities. Spanish, 70 to 75 per cent., 1s. 2d. per lb.

GERANIUM.—This market seems to have been of small interest of late. Bourbon is quoted on spot at about 23s. 6d., but there might be a seller at slightly less for quantities. Algerian is mentioned in most quarters at 24s. per lb.

GINGERGRASS has been of little more interest this week, with spot about 6s. 6d. to 6s. 8d. per lb., as to quantity.

LAVENDER.—Some fair inquiry is coming on the market on the quotations for French new crop, which are as follows for good average brands: 50 to 52 per cent., 10s. 6d. to 10s. 9d.; 40 to 42 per cent., 9s. 3d. to 9s. 6d.; 38 to 40 per cent., 8s. 9d. to 9s.; 36 to 38 per cent., 8s. 3d. to 8s. 6d.; 30 to 32 per cent., 7s. 6d. to 7s. 9d. per lb., delivered, for quantities. Some of the well-known brands are fully 6d. to 9d. per lb. dearer.

LEMON.—Spot business continues dull with occasional inquiry for shipment of new crop. Sicilian hand-pressed, spot, 3s. 10d. to 5s., as to brand and quantity; shipment, good brands, 4s. 6d. to 5s. 3d. per lb. c.i.f. The production this season has practically finished, and is estimated at 660,000 lb., which is little more than half the yield of the previous season. The carry-over last December was put at 906,000 lb., giving a total available supply of 1,566,000 lb. Shipments for the current season are said to have been particularly poor; it is therefore anticipated that the supplies available will be sufficient to meet the demand. Californian, spot, 57 cents per lb., in drums.

LEMONGRASS.—The market tends to be firmer with spot fully 2s. 2d. per lb.; shipment is dearer at 2s. 1d. to 2s. 1½d. per lb. c.i.f.

LIME.—This market is gradually falling back, and is now quoted in the region of 32s. per lb. for genuine West Indian. Business is lacking.

MANDARIN.—The spot market continues steady in the region of 16s. per lb., as to quantity.

ORANGE.—Inquiry for this product continues disappointing. Sicilian sweet, on spot, about 7s.; shipment, from 6s. per lb. c.i.f. West Indian hand-pressed, 5s. per lb. c.i.f. Californian, spot, 80 to 90 cents per lb., as to quantity.

PALMAROSA is meeting with a steady business, and the spot price is holding at 8s. 6d. to 8s. 8d. per lb., as to quantity.

PEPPERMINT.—Business in Japanese dementholised has continued on a good scale, with spot supplies now limited: sales at 3s. 10d., and now about 4s. per lb. is being asked. The shipment market has also been lively and firm; October-December, 3s. 10d.; January-March, 3s. 10d. per lb. c.i.f. The shipment market for American oil is firm, and at the moment quotations are not being made; nominal at 1 dollar 85 to 90 cents per lb. c.i.f. for new crop natural oil.

PEITGRAIN continues steady as quoted at about 4s. 3d. to 4s. 4d. per lb., as to quantity.

ROSEMARY.—A fairly satisfactory business is being done with the market steady; spot, 1s. 9½d. to 1s. 10d.; shipment, 1s. 5d. per lb. c.i.f.

SANDALWOOD.—East Indian distilled is quoted from 24s. 6d. to 25s. 6d. per lb. as to number of cases.

SASSAFRAS.—Dealers are offering spot supplies at about 4s. 1d. to 4s. 3d. per lb., as to quantity.

SPEARMINT.—The firm tone in the American peppermint market is affecting the position here, with spot well held at 7s. 9d. to 8s. per lb., as to quantity.

SPIKE.—The recent improvement is well maintained, and business is moving on a fair scale. Spanish, about 3s. 4d., while some holders are not selling under 3s. 6d. for limited quantities. The shipment market is firm from 3s. 1½d. per lb. c.i.f.

WORMSEED.—The spot market continues firm with the quoted price for small lots at 14s. 9d. to 15s. per lb.; shipment works out at 16s. 4d. per lb., duty paid and landed.

The following quotations are current for synthetics, etc.: Acetophene, 6s. 3d. to 6s. 6d. per lb.; amyl acetate, pure, 125s. per cwt.; technical, 115s. per cwt.; amyl salicylate, 2s. 2d. per lb., in cwt. lots; aubepine, ex para cresol, is cheaper at 8s. 6d. to 9s. per lb.; benzaldehyde, f.f.e., 2s. 1d. to 2s. 4d. per lb.; benzyl acetate, f.f.e., 1s. 5d. to 1s. 8d. per lb.; benzyl alcohol, 1s. 7d. to 1s. 9d. per lb.; bromstyrol, 100 per cent., 12s. to 12s. 6d. per lb.; butyric acid, 3s. 3d. to 3s. 6d. per lb.; citrol, chemically pure, 7s. 6d. to 7s. 9d.; coumarin, 13s. to 14s. per lb.; ethyl phthalate, 2s. 8d. to 2s. 9d. per lb.; eugenol, 7s. 10d. to 8s. 6d. per lb.; geraniol, ex palmarosa, 16s. to 18s. per lb.; heliotropin, 100 per cent. crystals remain at the recent recorded of 4s. 11d. to 5s. 9d. per lb., as to quantity; iso eugenol, 10s. 6d. to 10s. 9d. per lb.; methyl anthranilate, 6s. 6d. to 7s. 6d. per lb.; mirbane, 8½d. to 10d. per lb.; musk ketone, 29s. 10d. per lb., with bonus for quantities; phenyl ethyl alcohol, 8s. to 8s. 6d. per lb.; safrol, 2s. to 2s. 6d. per lb.;

Coal Tar Products, etc.

GENERALLY the markets are rather quiet, but there are indications of more inquiry in some products such as carbolic acid crystals. Pitch is again dearer and very firm. BENZOL is rather dearer, and business is about normal: pure, 1s. 9d. to 1s. 9½d. per gallon. CARBOLIC ACID CRYSTALS (39° to 40° C.) have been in better demand with the opening of the buying season for home consumption; prices have now been fixed to operate till June 1933 as follows: ten tons, 5½d.; five tons, 6d.; one ton, 6½d.; smaller quantities, up to 6½d. per lb., in drums with over-casks, carriage paid or f.o.b.; crude carbolic 60's, 1s. 7d. to 1s. 9d. per gallon, naked at works. It is learned this morning that it is practically decided to advance the scale of prices by one half-penny per lb., and that this advance will probably be notified early next week. CRESYLIC ACID is receiving a limited inquiry, but prices remain at rather low levels: pale, 98 to 100 per cent., 1s. 3d. to 1s. 4d.; dark, 95 per cent., 1s. 1d. to 1s. 2d.; special qualities, 2s. 3d. to 2s. 6d. per gallon, ex works. American duty-free acid, 1s. 3d. to 1s. 6d. per gallon, f.o.b. CREOSOTE OIL is fairly steady, and home trade business is being done on a good scale: bulk quantities, 4½d. to 5½d. f.o.r. makers' works, South England. KEROSENE.

—The market is steady as quoted: water white, 10½d.; standard white, 9½d. per gallon, in barrels, ex wharf, London; in bulk, 3d. per gallon less. MOTOR SPIRIT.—National distributors' prices are dearer: No. 1, 1s. 6½d. per gallon, delivered in bulk for England, Wales and South Scotland; 1s. 7d. for Belfast, and 1s. 7½d. for remainder of Northern Ireland and North Scotland; 1s. 3½d. for Irish Free State, with Dublin 1s. 2½d. per gallon; No. 3 spirit, 2d. per gallon less, and aviation spirit, 4d. per gallon more in all cases; 1d. to 2d. per gallon more in two-gallon tins, as to district. PITCH.—The market is firm with very few offers being made. Current quoted figures are about 92s. 6d. to 97s. 6d. per ton, f.o.b. East Coast, but further advances are expected with the opening of the shipping season. SOLVENT NAPHTHAS.—Business is quiet and the market is rather irregular on quotation: 90 to 160, 1s. 2½d. to 1s. 3d.; heavy, 90 to 190, 1s. to 1s. 1d. per gallon, naked at works. TOLUOL has been on the quiet side, and quoted values are rather unsteady: commercial 90's, 1s. 10d. to 2s.; pure, 2s. 2d. to 2s. 3d. per gallon, ex works, in bulk quantities. XYLOL has remained slack: commercial, 1s. 9d. to 1s. 10d.; pure, 1s. 10½d. to 2s. per gallon, ex works, in bulk quantities.

Fixed Oils, etc.

ALTHOUGH the improved tone and volume of business of the last two weeks has not been fully maintained, the markets, as a whole, are fairly steady, and business is moving on limited lines. American turpentine is steady while linseed (raw, naked) is dearer, closing firm. ACID OILS.—Prices have fallen back to former levels; business quieter: coconut and/or palm kernel, 21s. 3d.; groundnut, 18s. 6d.; soya, 15s. 3d., spot. CASTOR.—The market is quoted dearer and is now steady; business has been fair: pharmaceutical, 42s.; first pressing, 37s.; second pressings, 32s. (barrels); cases, £4 per ton extra, ex mills, Hull, in not less than one-ton lots; Bombay, 30s. 6d. (drums), c.i.f. COCONUT.—Business has slackened off but quoted prices are unchanged: deodorised, 34s. (barrels), spot; Ceylon, 23s. 6d. (drums), c.i.f. COTTON.—The improved values are maintained, but business has been rather quieter: deodorised, 30s. 6d.; common edible, 28s. 6d.; soapmaking, 26s. 9d.; crude, 25s. 6d. (barrels), spot. GROUNDNUT is fully maintained at the advance recorded last week: deodorised, 41s. 6d. (barrels), spot; crude Oriental, 29s. 6d. (drums), c.i.f. LINSEED (RAW, NAKED).—Values for all positions show an advance on the week: market closes firm. Spot, 18s. 6d.; October, 16s. 10½d.; November-December, 17s. 3d.; January-April, 17s. 9d. per cwt. Boiled oil, spot, 21s. OLIVE is steady with a limited business passing: edible, in tins in cases, 8s.; in drums, 7s. 6d.; B.P., 4s. 9d., per gallon, in 40-gallon barrels. PALM.—Values have lost some of the advance recorded last week; business is moderate: Lagos, 17s. 9d.; softs, 17s. 3d.; mediums, 18s. 3d.; hards, 18s. 9d.; bleached, 20s. 6d., spot. PALM KERNEL is about steady with the market quieter: deodorised, 33s. 3d.; crude, 24s. 6d., spot. RAPE.—Business has not been so good: refined, 33s.; crude, 31s., spot. RESIN.—All grades are slightly cheaper on the week, and the market is slower: B, 13s.; D, 13s. 3d.; F/G, 14s. 6d.; N, 19s. 6d.; W/G, 22s.; W/W, 23s. 6d. per cwt., ex wharf. SOYA.—The market is quoted cheaper: deodorised, spot, 30s. 6d.; crude, 24s., spot. TURPENTINE (American).—The market is steady and slightly dearer. Total London stocks, 22,842 barrels. On spot, 65s. 6d. WOOD.—Hankov is again a point dearer on quotation at 53s. in barrels, spot.

Correspondence

Letters should be written on one side of the paper only. Correspondents may adopt an assumed name, but must in all cases furnish their real name and address to the Editor.

Pharmaceutical Society of Ireland

SIR,—Through the courtesy of your journal I wish to inform members of the Pharmaceutical Society of Ireland that I am not in any way connected with the Mr. Fitzpatrick who is going forward as a candidate for the forthcoming Council election.

Yours faithfully,

JOHN FITZPATRICK, P.C., M.P.S.I.
38B South Richmond Street, Dublin.

The New British Pharmacopœia

SIR,—An important point in connection with thyroid of the new B.P. (1932), which is apparently not generally appreciated, is that this thyroid has no fresh gland equivalent. Thyroid of the B.P. (1932) is a dry gland standardised to contain 1 per cent. iodine in combination as thyroxine, and every batch of thyroid made has to be adjusted to contain this amount. There is thus no standard equivalent of fresh to dry gland, and it will therefore be no longer possible to prescribe and dispense thyroid of the new B.P. in terms of fresh gland, as is commonly done at the present time.

Yours faithfully,

H. W. PAINES.

London, W.1.

SIR,—The intimation of "Manufacturer" (13/9) to be sparing in ordering the new ext. ergotæ liq. is opportunity: the nature of this renders it particularly prone to go wrong. An official inf. gentian. co. conc. will make more or less stable a galenical of ancient usage. The colour will now depend very much upon the raw material employed; the average concentrated infusion has been far too dark (and I am not unmindful that vegetable drugs vary very much in colour). This "colour" factor must always be an important one. Some pharmacists with a delicate sense of taste have assessed their gentian compound infusion by this means. It will not be out of place to add a word of caution as to the oil percentage in malt extract with cod-liver oil; the 15 per cent. of oil is by volume. The old vin. ipecac. shop round will, no doubt, continue to rest in its time-honoured place on the pharmacy shelf.

Yours, etc.,

FRANK ENGLISH (20/9).

Proposed N.H.I. Terms

SIR,—The proposed N.H.I. terms do not appear to be quite fair to chemists. There should be no discounting of accounts, because the chemist has to supply what the doctor orders. I suggest that the State, before taking any surplus, should allow a reserve fund to be established (say, of £100,000), the money for this fund to be money set aside each year, after chemists have been paid in full, until the amount was reached. Then and not till then do the State and chemists receive any surplus, the reserve fund to be used in any year when there is not sufficient to pay accounts in full. I take it that for another year chemists will still suffer the 10 per cent. deduction from dispensing fees, also we will still have to wait two months for accounts to be paid. New expensive medicines, such as liver extract, etc., are constantly being ordered for N.H.I. patients. The surplus money which has been distributed was not distributed fairly. It should have been divided amongst those chemists who were on the panel in 1927, and suffered discounting both in that year and in the year before "business tariff." (The amount I have received is not as much as was discounted in those years.) The surplus should have been given to the 1927 panel chemists and not to those who have come on panel since. In future, we must expect more illness, especially

among younger members, because so many are out of work and do not receive sufficient nourishment; also large numbers of the younger ones (more especially children of those who lost their fathers in the war), have never had sufficient good food to make them strong, because pension allowance is only enough to provide a bare existence.—Yours, etc.,

C. S. X. (21/9).

Appearance and Reality

SIR,—I may perhaps be permitted to remind those who have up to now taken part in the discussion of this subject that, in consequence of a resolution passed at the meeting of the British Pharmaceutical Conference in 1910, a Practice Section was formed and the constitution of the Conference was modified. This section was in abeyance between the years 1914 and 1919, was afterwards resumed, and in 1922-23 (I quote from THE CHEMIST AND DRUGGIST of July 28, 1923) was "transformed into a meeting of delegates from the branches of the Pharmaceutical Society." Whether any useful purpose would be served by reviving it in its original form is primarily a question for those most intimately acquainted with the work of the Conference.—I am, etc.,

A. E. (26/9).

SIR,—I have read with sympathetic interest the letters (C. & D., September 24, p. 405) of correspondents who comment upon the observations of "Country Chemist." It is probable that chemists who are compelled to sell those innumerable side-lines so remote from pharmacy often think of the dreams they once had. I used to consider it somewhat undignified to be compelled to explain the relative properties of face powders and other aids to beauty. Now, having faced the facts, I think differently. When I see grocers selling packed pharmaceuticals, hairdressers displaying tooth-pastes, and drapery stores offering rubber hot-water bottles, I realise that many of the goods which years ago were regarded as chemists' lines are being exploited by all and sundry. The business which has been diverted into other channels must therefore be replaced. Without turning my shop into a general store I am yet able to sell many lines not strictly within the pharmacist's sphere. Nowadays people expect the chemist to stock almost everything; he is not up-to-date otherwise. When I think of the general trade depression I am thankful to be making a modest living, even if my ambitions of former days have not been fulfilled.—Yours faithfully,

COMMERCE (26/9).

SIR,—In the "Retrospect of Fifty Years Ago" on p. 358 the comment is made on the small number of actual shop-owners present at the British Pharmaceutical Conference, which was hardly what was expected by those who prepared the scheme of the Conference. How many of those present at Aberdeen this year were pharmacists actively employed in their own shops? Would the number compare at all favourably with that of fifty years ago? It may be to some extent a profitable way of spending one's annual vacation, but I think that a holiday should be a period completely separated from the atmosphere of one's daily work if one is to reap the full benefit from it. The papers we can read at home in the trade journals, at least those of us who have retained sufficient of our scientific knowledge during the press of retail trading to be able to follow the details properly. The sales which "Country Chemist" describes are more in keeping with the retail chemist's aspect of pharmacy, but sometimes the sale does not come off. One customer brought back a bottle of Blaud's pills with the statement that they were not the genuine ones. On asking why, I

was told because there was no formalin in them; after some argument the customer went away to return later with his old bottle, and triumphantly pointed to the label "Blaud's Formula." I cannot help thinking that no amount of information concerning the amino-alcohols would teach a pharmacist how to deal with this aspect of pharmacy, although it might well drive him to an intensive study of the more common and popular forms of alcohol.—Faithfully yours,

TOWN CHEMIST (27/9).

SIR,—At the Aberdeen meeting of the British Pharmaceutical Conference Mr. J. H. Franklin said that never in the history of the world had pharmacy reached such a high efficiency as at the present time in the laboratories. With equal truth he might have gone a little further, and have pointed out that never in the history of this country has retail pharmacy reached such a low ebb as it has to-day. A glance at the windows of any chemist's shop will show an almost complete absence of pharmacy in any shape or form, the majority of them being indistinguishable from toilet saloons or general stores. And now we are led to understand that the new B.P., when we get our copies, will prove to be more of a manufacturers' pharmacopœia than a book to be used by the retail chemist. There are a good many preparations in the present B.P. and the B.P.C. which it would be useless for the chemist to make at the dispensing counter as a business proposition. In the next generation it may be that such chemists as are left in retail business will be mere distributors of packed remedies. On the other hand, the hospital and laboratory pharmacist should have an ever-increasing range of opportunities for the advancement of pharmacy.—Yours truly,

ODELINEITE (26/9).

Legal Queries

K. C. L. (5/9).—A loan made twelve years ago has been gradually reduced, the last payment having been made six months ago. Can the lender sue for the balance of the loan, although the debt originated more than six years ago? [As there has been a payment on account within the last six years the lender can bring an action to recover the balance due.]

A. C. (1/9).—The Excise Officer was quite correct in drawing your attention to the fact that your tablets do not comply with the new conditions regulating the sale unstamped by chemists of "known, admitted and approved" remedies. The presence of an excipient in these tablets takes them out of the exemption covering "entire drugs," and, consequently, if they are to be sold unstamped by chemists the full formula, including amounts, must be printed on the label and also on the carton or wrapper, as well as the words "no proprietary rights are claimed in the preparation of this medicine" (*C. & D.*, March 8, 1930, p. 300; *C. & D. Diary*, 1932, p. 314).

E. B. (5/9).—There is, strictly speaking, no such thing as a retail licence for the sale of medicated wines only. What you require is the ordinary wine retailer's "off" licence, under which you would be entitled to sell any kind of wine; but as justices sometimes attach to the certificate a condition that only medicated wines are sold under it, the name medicated wine licence is generally given to it, although the condition is not legally binding. To get a wine retailer's licence you must first obtain the justices' grant at the licensing court of your district, which is held in the first fortnight of February in each year. Then, on presenting this justices' certificate at the office of the Collector of Customs and Excise and paying the appropriate licence duty, the licence authorising you to sell is granted. The cost of the licence depends on the annual value of the premises to be licensed. If the annual value of the house or shop does not exceed £20, the licence duty is £2 ros., and this rises according as the annual value increases until it comes to £10 for premises of an annual value of more than £500.

Miscellaneous Inquiries

When samples are sent particulars should be supplied to us as to their origin, what they are, what they are used for, and how. We do not undertake to analyse and report upon proprietary articles nor to publish supposed formulas for them.

A. C. H. (27/78).—HOP PILLOWS.—As a rule hops alone are used to fill hop pillows for sleeplessness. It is only in certain special cases, usually at the express desire of the customer, that the odour is modified by the inclusion of some lavender flowers, rosemary or camomile flowers. However, there is a belief abroad that the addition of other flowers to the hops diminishes their effect. An article dealing with the preparation and construction of hop pillows was published in the *C. & D.*, 1930, I, 481.

J. R. M. (3/9).—The following is the correct price of your prescription, according to the *C. & D.* Retail Price List:—

Ext. ergotæ liq. ....	...	...	3iv.	35.0
Liq. strychnin. hydrochl. ....	...	...	m 64	1.0
Spt. ammon. aromat. ....	...	...	3ij.	10.0
Quinina hydrochlor. ....	...	...	gr. 160	35.0
Aq. ....	...	...	ad 3viii.	1.0
Container ....	...	...	...	2.0
Fee ....	...	...	...	8.0
Charge 7s. 8d.				92.0

D. W. F. (8/86).—DOG'S EARS.—Cobblers' wax is the article generally used for keeping a dog's ears erect, but it is not very satisfactory. Emp. adhesivum would be better and cleaner; much depends, however, upon the breed of dog for which treatment is necessary. In the case of Alsations, whose ears are required to prick straight up without any flap at the top, massage is recommended with a little tinct. myrrhæ. It needs to be used carefully, however, to avoid irritation. A dog whose ears do not stick up properly after it is nine or ten months' old is never likely to improve. In some cases collodion might be useful.

N. M. S. (1/7).—DRENCHING POWDER FOR COWS.—This is essentially ferric hydroxide; it may contain a little organic matter, but possibly the indication is only due to impurity in a commercial article.

T. D. O. (27/5).—UNDERTAKER'S SOLUTION.—This is said to be a preparation used by undertakers for prevention of unpleasant odours during early stages of decomposition; it was found to be a solution of hard soap (about 25 per cent.), formaldehyde (probably 15 or 20 per cent.), and a trace of benzaldehyde or nitrobenzene. A little alcohol is also present.

Retrospect of Fifty Years Ago

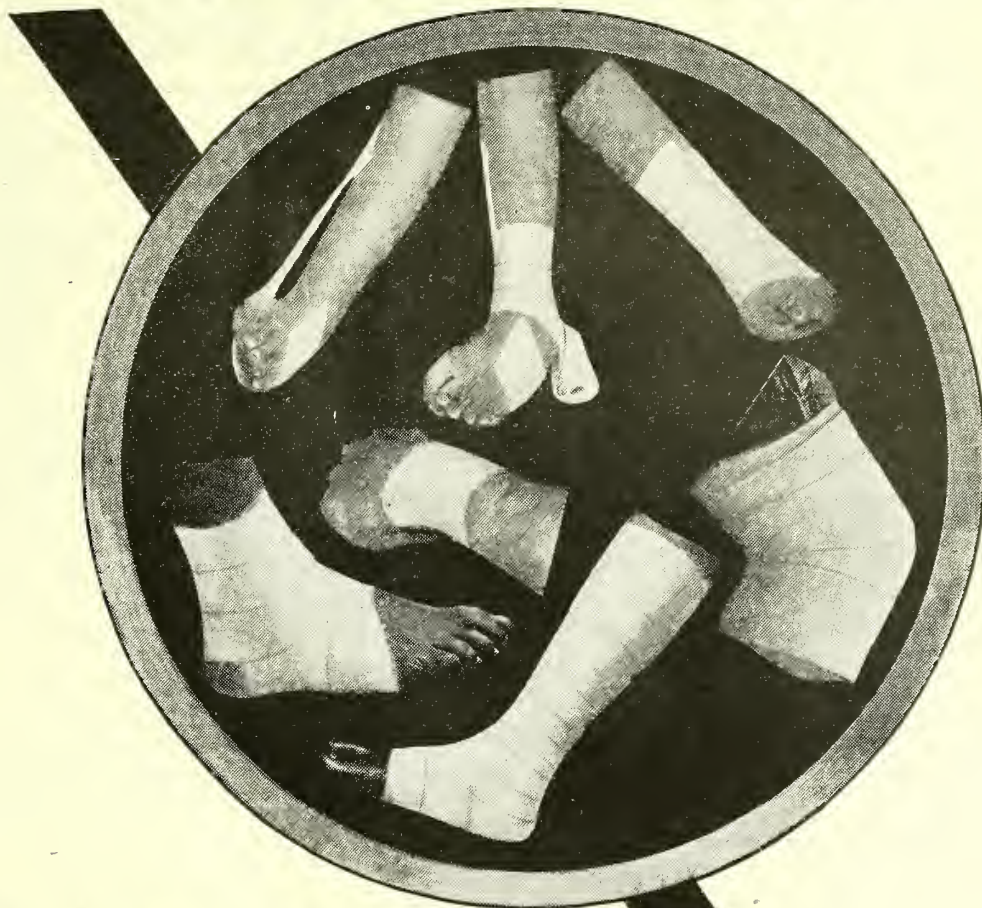
Reprinted from

"The Chemist and Druggist," October 14, 1882

A Pioneer in Melbourne

I regret to announce the death of one of our eldest pharmacists . . . Mr. Samuel I. T. Croad . . . a nephew of Mr. Barry—a member of the well-known firm of Allen, Hanbury & Barry, Plough Court—in whose employment he was engaged for nine years. . . . When Mr. Croad arrived in 1849 the colony was suffering from severe depression, which was shortly followed by the feverish excitement attendant upon the discovery of gold, and the consequent rise in the value of property of almost every description. Some idea of what this was may be gathered from the fact that the premises he held on lease for £75 per annum he was more than once urged to sublet at £20 per week. Mr. Croad was one of the founders of the Pharmaceutical Society of Victoria. The first meeting for the purpose of forming it was held in his premises . . .

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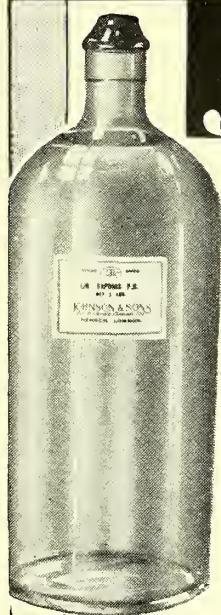
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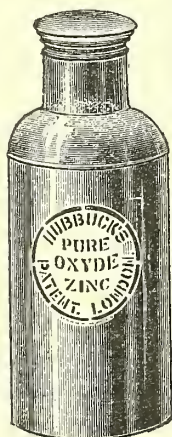
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*"His love al so sweete, y-wis
So ever as milk and licorise."*

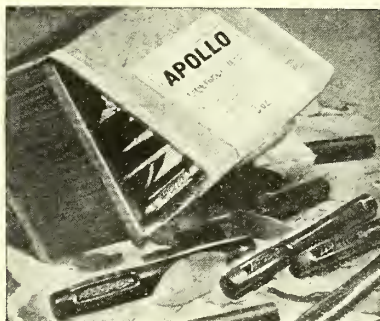
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Glycerine, Honey and Lemon ..	2/6 „
Glycerine and Paregoric	2/6 „
Iodized Catarrh	3/0 „
Menthol	2/6 „
Menthol and Eucalyptus	2/6 „
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Pynoline (Menthol, Cajuput, Creosote and Terebene)	2/6 „

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2 oz. tins, 5/6 per doz. 4 oz. tins, 10/0 per doz.

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In 4 lb. Free Tins.

Assorted Fruits	1/8 lb.
Black Currant and Glycerine ..	1/8 „
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Compound Glycerine of Thymol ..	1/8 „
Glycerine, Honey and Lemon ..	1/8 „
Lemon Squash Cubes	1/8 „
Licorice and Black Currant	1/8 „
Lime Juice and Sulphur	1/8 „
Phosph. Orange Tonic	1/8 „
Vitamin Malt	1/8 „

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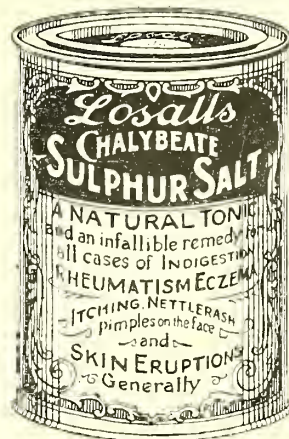
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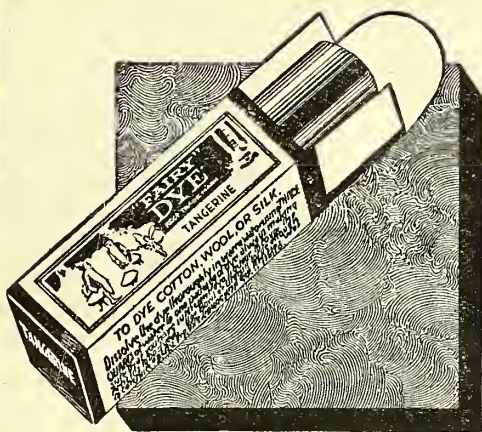
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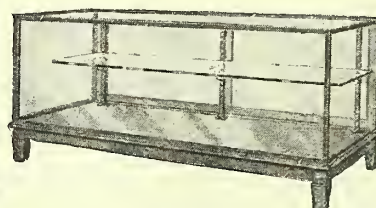
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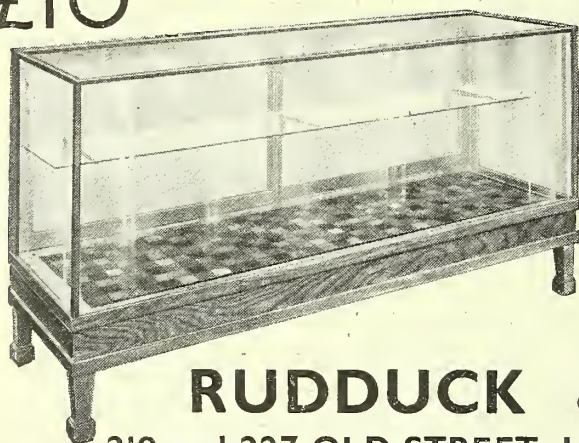
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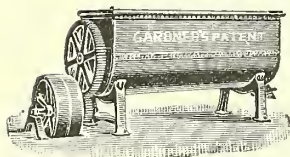


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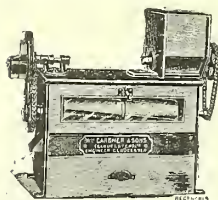
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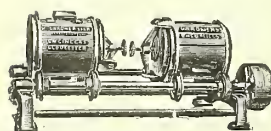
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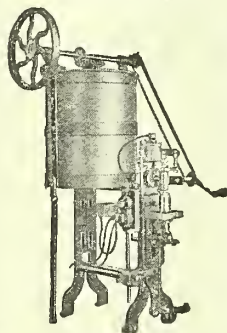
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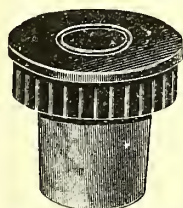
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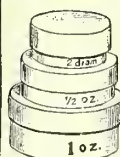
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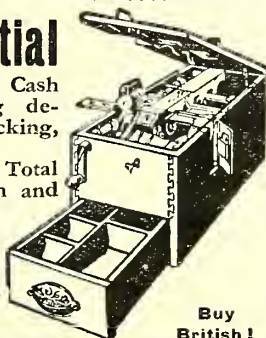
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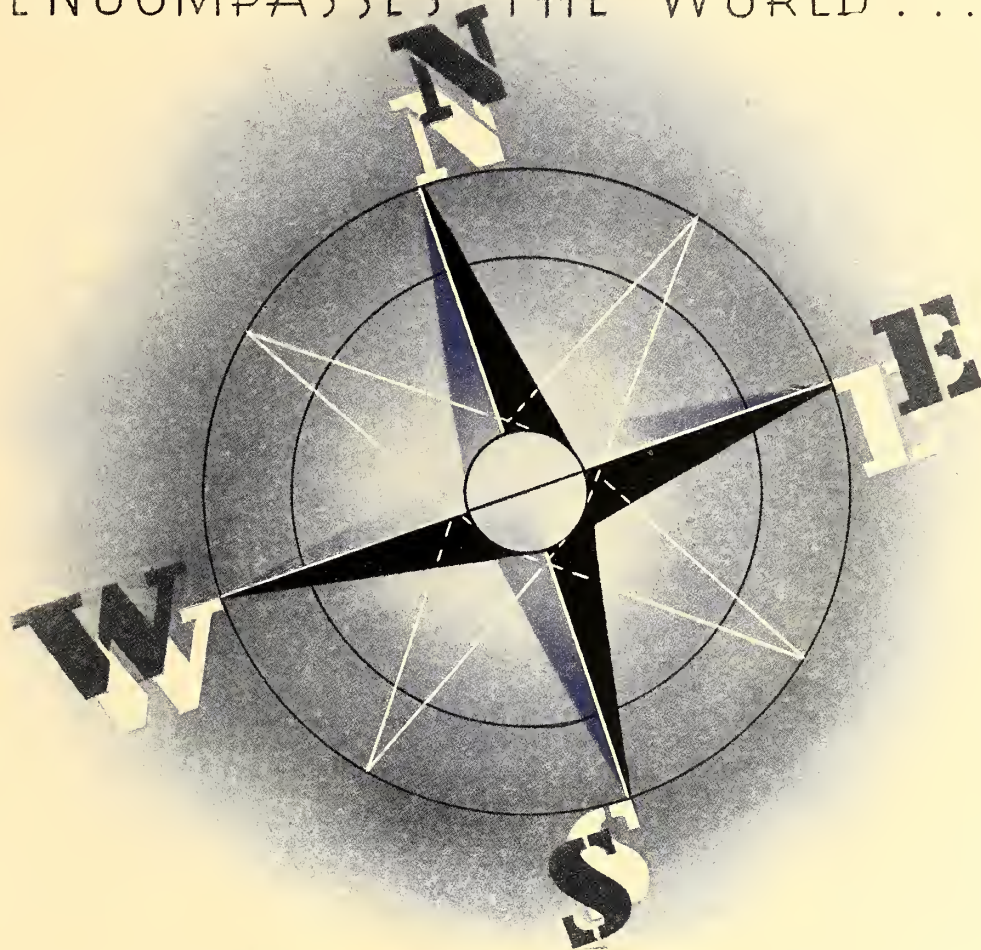
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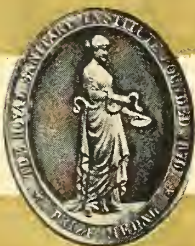


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OCTOBER 1, 1932

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THE CHEMIST AND DRUGGIST SUPPLEMENT

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5.—LONDON, S.E.—Cash Retail Business, with very large Panel; returns approximately £3,200 per annum, of which sum about £750 is from N.H.I.; very good profits; double-fronted corner shop; new lease; price to be arranged; ill health sole cause of sale.

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LONDON (Prosperous Suburb).—Fine corner position in shopping area; Lock-up Shop; long lease; present takings £30 week; only recently opened; prospects of very considerable increase; fittings cost over £500; price £350, plus stock at value, about £300. Preston & Partners, Valuers, 29 Ludgate Hill, E.C.

LONDON, S.W.—Good-class Retail and Dispensing Pharmacy, established seven years; good living accommodation; exceptional opportunity for Optics; 20 years' lease; low rent and taxes; takings £50 per week, plus N.H.I.; good stock and fittings; price £750. Write 280/21, Office of this Paper.

MIDDLESEX (about 14 miles from King's Cross).—Good middle-class Business, double-fronted shop, situated in centre of shopping thoroughfare in rapidly growing district; exceptional opportunity for live man; handsomely fitted pharmacy; modern bronze and marble front and polished internal fittings; large flat and garden attached; cash trade; returns £1,568 in first year, under manager; accounts audited; premises on lease; low rental. 284/16, Office of this Paper.

MIDLANDS.—Large Shop, in busy main road of residential suburb; good-class business; very little N.H.I. and easily worked; Kodak Agency, with great opportunity to increase; good living accommodation; returns £25-30 per week. Full details on application. 285/29, Office of this Paper.

NEAR LIVERPOOL.—Well-fitted and stocked Pharmacy, in growing middle-class district; private limited company, with Kodak Agency; only recently established; takings average about £650 per annum; splendid prospects, as new houses are being continually built; just the thing for young man commencing; reason for selling is that the qualified director has to leave Liverpool. 286/8, Office of this Paper.

NEAR PORTSMOUTH.—Pharmacy, in growing district; well stocked and fitted, with good living accommodation, garden and garage; returns increasing every month; at present over £1,000 per year; good opening for Hairdressing as side-line; long lease and no opposition; price £650. 287/8, Office of this Paper.

The ASSOCIATION of MANUFACTURING CHEMISTS, LIMITED
 (Business Agency, Transfer & Valuation Department)
 KIMBERLEY HOUSE, and at EXCHANGE CHAMBERS, Holborn Viaduct, LONDON, E.C.1 2 Bixteth St., LIVERPOOL
PARKIN S. BOOTH, Valuer. Tele.: CITY 1261-2-3-4.
VALUATIONS. SALES of BUSINESSES. STOCKTAKINGS.
Enquiries invited.

NEAR Sheffield (Main Road).—Recently under qualified management; house vacant; rent £52; business showing gradual improvement, but would do well under own management; stock and fittings £300, or could be reduced. Apply 191 Rustlings Road, Sheffield.

NOTTINGHAMSHIRE.—Chemist's thriving Business, with premises; main street position in large town; price, £2,500, includes property, stock and fixtures, or premises may be rented; turnover about £1,400; rates payable about £40 per annum; living accommodation for a small family. G. Cox & Son, Auctioneers, West Gate, Mansfield.

SOUTH COAST.—Genuine; double-fronted; established nine years; growing district; lease; £850; open to offer for quick sale; good reasons for selling. 285/37, Office of this Paper.

SOUTH COAST.—Drug Store, Tobacco, small Confectionery Business, post office attached; returns, 1930-31, £1,250; 1931-32, £1,563; gross profit, £463; net profit, £358; chartered accountant's figures; plus P.O., salary, £93 10s. per annum; Photography (member P.D. Association); lease 11½ years unexpired; main road London; living accommodation; exceptional opening for Chemist; price £700; stock at valuation, £150 approx. 287/16, Office of this Paper.

SUSSEX.—A sound Country Business for immediate disposal; returns £40 per week; stock and fixtures valued at £650; lease 12½ years; good house and garden; price £1,150, or near offer. Apply 210/522, Office of this Paper.

WESTERN COUNTY.—Old-established, magnificently situated in market town; house attached; glorious country; £30-45, steadily increasing; remote from large town or company competition; owner taking medical; about £3,000 for premises and business. Real earnest seekers give Wholesale and bankers' references in first place (others ignored) to "Solicitor," 286/4, Office of this Paper.

OWNER wishing to retire.—Country Business; Agricultural, Family and Photographic; big turnover at good profits; unlimited opportunities for increase. Particulars only to genuine inquiries. 286/3, Office of this Paper.

SPLENDID semi-country Business in West Cheshire (where there is a new residential population constantly growing in addition to former residents), doing £1,600 per year; very little Panel work; several Specialities; good profits; easily and cheaply worked; well established; a live and pleasant business; medium- and good-class customers; a pleasure to serve; price includes a £40 cash till almost new, £40 Avery weighing machine in perfect condition, and Optical Test Case if desired; price of all, i.e., fixtures, good stock, goodwill, etc., £1,250. Apply "Beechwood," 284/40, Office of this Paper.

APPRENTICES.

NEWARK, Notts.—Wanted, two Male Apprentices; Matriculation essential; fair elementary knowledge of Chemistry and Botany; some knowledge of Amateur Photography a distinct advantage; School of Pharmacy in town. Smiths, Chemists, Newark.

APARTMENTS.

RESIDENTIAL CLUB FOR GENTLEMEN.

HAMPDEN CLUB, Hampden Street, N.W.1, close to King's Cross Station. Large club rooms. 300 bedrooms and bed-sitting rooms, 15s. to 25s. per week. Illustrated Prospectus, Secretary. Museum 5424.

BED-BREAKFAST.—Private house, facing Moor, suitable for commercial men representing Wholesale Druggists or Druggists' Sundries Houses; trams for station pass door. Winship, 7 North Terrace, Newcastle-on-Tyne.

DISPENSER (young) wishes to meet another who will share neatly Furnished Flat with her; rent moderate. 12 King's Road, Willesden Green, N.W.10.

BUSINESSES WANTED.

6s. for 50 words or less; 6d. for every additional 10 words or less, prepaid. (Box No., 1s. extra.)

BUSINESS required in Surrey, with turnover £1,000 to £2,000. All particulars treated in strict confidence; capital available for immediate purchase. Reply to 285/24, Office of this Paper.

BUSINESS wanted in Surrey, Sussex or Kent; qualified, or Drug Store, small neglected business, or one requiring financial assistance would suit if capable of improvement. Please give full particulars, in confidence. 285/36, Office of this Paper.

PIVATE Chemist is desirous of purchasing sound Business with turnover not less than £2,500, in the Lake District or within easy reach; all communications treated as strictly confidential; no agents. Apply 286/6, Office of this Paper.

REQUIRED for Partnership, a sound Business, preferably in a London suburb, capable of showing a net income of £700/£800 per annum; capital available for immediate purchase of suitable proposition; all replies treated in strict confidence. Ernest J. George, Sentinel House, Southampton Row, W.C.1.

WANTED, at once, London district only, Business with turnover £4,000 upwards, or two smaller ones with a combined yield of £5,000 per annum; cash waiting. Full particulars (in strict confidence) to BM/ZVPE, London, W.C.1.

SALE BY AUCTION.

Removed from Bradford for convenience of Sale and from other sources.
SALE ROOMS, 5 LITTLE BRITAIN (close to G.P.O.), LONDON, E.C.

A STOCK OF PERFUMES, Floral Essences, Ottos and other Compounds, also CHEMISTS' SHOP FITTINGS, including Drug Runs, Wall Showcases, Counters, Silent Salesmen, Dispensing Screen, and a large variety of Showcases of all descriptions, Mirrors, Office Furniture, etc.

B. NORMAN & SON

Will Sell by Auction, at their Sale Rooms as above, Wednesday, October 5, at One o'clock.
Catalogues on application. Tel.; Nat. 6463. View day prior.

AGENCIES.

SMART Buyer wanted for a South African Chemist to buy for cash on commission; as small quantities are required to be despatched by parcel post, it is suitable for an established chemist owner to have the buying as a side-line. Only keen buyers and keen business people should communicate with Poste Restante, Chemist, Johannesburg, Transvaal.

SOLE Agencies can be offered in the Home Counties and Midlands to reliable Agents having sound connections amongst Hotels, Institutions, Laundries, Stock-keepers, etc., for the direct sale of a new line of Disinfectants and Spraying Fluids, Laundry Preparations, Veterinary and Medicinal Preparations, etc.; generous terms to reliable representatives with good credentials. Apply Whitfield Gee & Co., Ltd., King's Langley, Herts.

WHOLESALE Druggist desires exclusive American Agency for English Pharmaceutical Products. Write, H. Rosenblatt, 60 East 96th Street, New York City.

PARTNERSHIPS.

ADVERTISER with £500 wishes to meet qualified Dispenser with small capital to purchase Pharmacy and develop in active partnership; references exchanged. 284/15, Office of this Paper.

QUALIFIED Partner wanted in business consisting Chemist's, Photography, Wine and Spirits, Tobacco, Fancy Goods; nine windows; situated in West Riding of Yorkshire; last year's turnover over £8,000; capital required £1,500. Full particulars, 285/9, Office of this Paper.

PREMISES TO LET.

RUISLIP.—Chemist wanted in first-class position in large block of 22 shops; nearly all other trades represented; lock-ups or shops with flats available. Apply C. F. Day, Ltd., High Road, North Finchley, N.12. Phone: Finchley 1500.

PREMISES FOR SALE.

GRAND Opening for Chemist.—Croydon, in the rapidly growing suburb of Shirley, very fine modern main road Shop; 21 ft. frontage, with good living accommodation; freehold, £1,550; terms arranged. Stewart Klitz, 128 George Street, Croydon. Tel.: 2870.

MANCHESTER DISTRICT (Parrin Lane, Monton, Eccles).—Modern double-fronted Shop and House, sitting room, kitchen, scullery, three bedrooms, box-room, bath, electricity; adjoining large housing estate; no opposition; price £550; chief £5; liberal mortgage arranged if required. Apply Jackson, 22 Beech Grove, Fallowfield, Manchester.

SITUATIONS OPEN.**RETAIL (HOME).**

6s. for 40 words or less; 6d. for every additional 10 words or less, prepaid. (Box No., 1s. extra.)

COVENTRY.—Qualified, for branch, capable Salesman and Window-dresser, methodical Stock-keeper, knowledge of Ciné Photography an asset; permanency for good all-round man. Please state age, height, salary required, references (copies and photos returned if stamped addressed envelopes sent). Parker, 32 Hertford Street.

LIVERPOOL.—Unqualified Assistant wanted. Particulars of experience, age, height and salary required (no enclosures, please) to R. & J. Herman, Pharmacists, Aintree, Liverpool.

LONDON, S.E.1.—Qualified Manager, Scotch preferred; knowledge of Surgical Appliances an advantage; good Window-dresser, persuasive Salesman; good post for the right man. 285/25, Office of this Paper.

LONDON (West End).—Chemist offers space in his pharmacy to Qualified Optician of good appearance wishing to start Optical business. The Optician would pay a moderate capital sum in return for facilities given and provide his own stock, and would take all profits derived from his Optical work. If desired, an upstairs room also could be put at his disposal for living or otherwise. Further details from 287/3, Office of this Paper.

MANCHESTER.—Smart Qualified wanted for working-class district; must be quick and efficient Dispenser and good Counter man. Send full particulars of age, experience, salary, testimonials, etc. Latewards, Ltd., 389 Ashton New Road, Manchester.

MIDLANDS (market town).—Unqualified Assistant required; two kept; short hours. Please give full details of experience, height and salary required in first letter, also send photograph and stamped addressed envelope for a reply. 285/11, Office of this Paper.

STAFFORDSHIRE.—Wanted, a young Assistant for industrial area; must be reliable Dispenser, quick at Counter and good Salesman. Replies must state salary required (to live out) and enclose photograph and references. 210/526, Office of this Paper.

A LOCAL gentleman required for four or five days to assist with Stocktaking. Smithsons, 11 Preston Road, Brighton.

ASSISTANT.—Lady, unqualified, wanted for Stock and Counter work in West-End establishment. Apply, stating age, experience and salary required, to 210/524, Office of this Paper.

EVENING work available in S.E. suburb; preference given to Student who has served apprenticeship with good Chemist. Apply E. A. Geddes, M.P.S., 140 Sydenham Road, Sydenham, S.E.26.

FOR Main Road Business.—Smart Junior Assistant required; Dispensing, Counter, Photo, general routine; must have good references. Full particulars in first letter; salary, age, height; snap copy of testimonials. Applicants not answered in four days declined. South-East London. 286/36, Office of this Paper.

JUNIOR, studying for Part I; competent; four hours each day allowed for study and to attend classes; indoors. State salary required. Bridger, Chemist, 28b Seaside, Eastbourne.

JUNIOR or Improver. (male) who has just finished apprenticeship in good-class pharmacy. Give full particulars in first letter. Vacancy also for Apprentice, well educated, passed Metric; good training and time for study. Chas. Lowe & Co., Surbiton, Surrey.

JUNIOR or Improver, with good knowledge of Dispensing Window-dressing and used to Counter work. Full particulars, stating age, salary required, and references to Exots. of J. Rose, Station Road, Urmston, near Manchester.

PHARMACY.—The Royal Arsenal Co-operative Society has vacancies as under:—Qualified Chemist required to take charge of Retail Branch; must be a thoroughly capable man, experienced in every branch. Unqualified Assistant (male), age about 25; good all-round experience, Dispensing, etc., necessary. Female Assistant, unqualified or Hall Certificate; must have general pharmaceutical and shop experience. Apply, in writing, stating age, experience, and salary required, to Staff Manager, Royal Arsenal Co-operative Society, Ltd., 148 Powis Street, Woolwich, S.E.18. Endorse envelope "Pharmacy." Note.—Canvassing of members of the General Committee or officials will disqualify.

QUALIFIED Manager with Optical qualifications for good-class business in best part of West Midlands; knowledge of buying and management essential; situation offers settled future to right man. Please give full particulars of previous experience, salary, etc. 285/35, Office of this Paper.

SMART young Junior Unqualified Assistant required immediately; competent, with good Counter, Dispensing, Photographic and Window-dressing experience; permanency. Apply, stating full particulars of experience, age, height and salary required, to Price, Chemist, Hayes End, Middlesex.

WANTED, Qualified Lady for new Pharmacy; must be quick, reliable Dispenser, good Window-dresser and Counter hand. Apply stating age, experience, wages required and giving two references, to Managing Secretary, Sheerness and District Economical Co-operative Society.

WANTED, Qualified Chemist (either sex), evenings only, with a view to full-time permanency later, for a newly-formed company shop, situated North London. Write, stating salary required, 286/15, Office of this Paper.

WHOLESALE.

ADVERTISED Sideline for Representatives calling on Chemists. Well-established Manufacturing Chemists require Travellers to handle remarkable advertised line on exceptional commission; must have excellent connection; exclusive territory and commission on direct business allowed; state age, lines carried and territory worked; a substantial income is being made by existing representatives. 209/501, Office of this Paper.

A N established firm, manufacturing high-grade Toilet Brushes, requires Representatives to call upon Retail and Wholesale Chemists, Cutlers, Hardware Dealers, etc., in British Isles; applications only from those having good connection, possessed of plenty of energy, first-class credentials and selling ability, who are running one or more sound non-competitive lines; the generous commission terms will repay the right men. 285/6, Office of this Paper.

ENERGETIC Young Man, with good pharmaceutical experience, not necessarily qualified, required as Representative for Northern England and Scotland by Manufacturers of Pharmaceutical and Medical Specialities. Representative also required for Southern Counties and London; salary, expenses and commission. 285/40, Office of this Paper.

EXCELLENT position for right man. Firm marketing well-known, nationally advertised Proprietary line has opening for Salesman with proved experience in selling to London Chemists; exceptional opening for man of personality and push; only men of proved ability need apply. Write 210/520, Office of this Paper.

PHOTOGRAPHS, TESTIMONIALS, &c.

When answering advertisements in this section applicants are strongly advised not to send (unless specially requested) ORIGINAL TESTIMONIALS or VALUABLE PHOTOGRAPHS. As can be readily understood, when an advertiser receives from 60 to 100 replies the task of returning photographs, testimonials, &c., is one of some difficulty.

PAM SANITARY PADS.—Representatives (either sex) required to introduce Pam Sanitary Pads to Chemists; remuneration by commission from exclusive sales area. State territory and lines at present carried, age, etc., to Box 86, Reid Walker, 54 Fleet Street, London, E.C.4.

QUALIFIED Chemist required, resident in Birmingham district, for purpose of detailing Dental Profession and Retail trade; age not exceeding 35; able to drive car. Write, giving fullest details of education, experience, age, and remuneration required, to 210/519, Office of this Paper.

QUALIFIED Representative, young, required by well-known manufacturers with connection of many years' standing to call upon Hospitals in (1) Scotland and North of England, (2) Wales and South-West England; applicants must be in a position to provide their own car. Full particulars, stating age and photograph, to 210/517, Office of this Paper.

REPRESENTATIVE required for London and provinces; good connection with Chemists essential. Full particulars and references to 210/521, Office of this Paper.

REPRESENTATIVES, with live connection, calling on Chemists, Stores, Hairdressers, etc., required for all districts by old-established Perfumery House, as a side line; excellent prospects and commission for smart men. State ground covered and lines already carried to 283/23, Office of this Paper.

REPRESENTATIVES, on commission, wanted throughout Great Britain to represent a new Aylesbury firm manufacturing high-grade Cosmetic; connection with Chemists and Stores essential; liberal commission. State area worked. Answers confidential. 286/38, Office of this Paper.

REPRESENTATIVES, with established connection amongst Chemists and Perfumers, to carry as side-line good-class Manicure requisites; area open, London district, north of Thames, south side and Midlands; generous commission to really energetic men; references required. 287/15, Office of this Paper.

TRAVELLER required by an old-established Firm of Toilet Soap and Perfumery Manufacturers; must have strong personal connection with Chemists and Stores in the larger centres of the Midlands and North of England. Apply, giving full details of age, salary and experience, to P.C.B. 49/18, Office of this Paper.

WANTED, Representatives, calling on Chemists, to push sale of Hot Water Bottles; only men with existing connections need apply; very liberal commission. P.C.B. 49/3, Office of this Paper.

SITUATIONS WANTED.

RETAIL (HOME).

2s. for 18 words or less, 6d. for every additional 10 words or less, prepaid. (Box No., 1s. extra.)

A.A.A.A.A.A.—CHEMIST (unqualified) desires London; Manager or Assistant; keen, capable, good personality; thorough understanding of modern Retail business; quick and accurate Dispenser; 11 years' experience; last two managing branch shop; Window Displays, Photography; aged 26; salary about £3 10s.; can be free in a fortnight. 287/28, Office of this Paper.

A.A.A.A.—THOROUGHLY experienced Pharmacist, 28, desires post; Birmingham area preferably, not essential; moderate salary; ready at short notice. "Pharmacist," 43 Ribblesdale Road, Stinchley, Birmingham.

A.A.A.A.—QUALIFIED Manager (28), married, desires change; 14 years' experience, including West-End; thorough knowledge all branches; control of staff, etc.; free one week. 286/12, Office of this Paper.

A.A.A.—CAPABLE Assistant, 24, unqualified, desires good-class permanency in or near London; accurate Dispenser and good Counterman; 8 years' London and provincial experience. "Fingle," Devonshire Road, Merton, S.W.

A.A.A.—YOUNG lady, 22, desires post; 6 years' high-class, all-round experience; salary £2; excellent references; Liverpool or district (city preferred). 285/4, Office of this Paper.

A.A.A.—ASSISTANT desires good-class berth in pharmacy. 285/5, Office of this Paper.

A.A.A.—QUALIFIED, Scot, 25, single, 11 years' experience, including West-End, desires change; London or district preferred; progressive situation; good references. "Qualified," 9 Endsleigh Gardens, W.C.1.

A BUSINESS man, with town and country experience, unqualified, trustworthy, seeks position as Senior; would rebuild neglected business under cover or supervision of principal; at present managing seaside pharmacy; moderate salary. March, 10 Milward Crescent, Hastings.

A CAPABLE unqualified Assistant; 23; Counter, Dispensing, Window-dressing; four years' London experience; disengaged. Richards, 13 Disraeli Road, Putney, S.W.15.

A YOUNG lady Dispenser (Hall qualification), 2 years' experience, Birmingham, General Dispensary, desires post with Doctor, Hospital, Institution or Chemist; excellent references. 21 Silverbirch Road, Erdington, Birmingham.

A LERT, ambitious, energetic Chemist desires progressive post, anywhere home or abroad; over nine years' excellent experience West-End, seaside, etc.; impeccable references; Counter, Dispensing, Photography, Prescribing, Manufacturing, etc. 286/24, Office of this Paper.

A SSISTANT; temporary or permanent; experienced; Dispensing, Counter, Photographic and Window-dressing; 35. Park, 13 Chaddock Street, Preston, Lancs.

A SSISTANT; part or full time; 42; unqualified; competent and trustworthy; well recommended; S.W. district preferred. "Alpha," 41 Selwyn Avenue, Richmond, Surrey.

A SSISTANT; unqualified; 26; tall; smart; Dispensing, Counter, Windows, Photographic; London and Provincial experience; excellent references. Williamson, c/o 18 Hereward Street, Bourne, Lincs.

A SSISTANT, unqualified, 32, married, 16 years' good-class experience, Dispensing, Counter and Window-dressing, desires post in or near London; excellent references. Pricker, Belle Vue, Albion Road, Birchington.

A SSISTANT; permanency or Locum; unqualified; experienced all branches; keen Salesman; active; accustomed management. Gall, 53 Cambridge Street, Norwich.

A SSISTANT, unqualified (24), 8 years' all-round experience Agricultural, Dispensing, Photographic, desires permanency in Northern counties, town or country. Particulars, apply 286/2, Office of this Paper.

A SSISTANT, 25, unqualified, 8 years' experience, quick and accurate Dispenser, Counter and Photographic, desires change. 287/17, Office of this Paper.

A SSISTANT, 23, unqualified, experienced in all branches of the trade, including D. & P., seeks situation; London preferred; moderate salary. "J. M.," 134 Christchurch Avenue, Kenton, Harrow.

A T YOUR SERVICE.—Locum; qualified; Pharmacy, Optics; active; reliable; abstainer; terms moderate.—"F.B.O.A.," 10 Westgate Terrace, S.W.10.

B RIGHTON OR NEAR.—Reliable qualified Assistant; age 25; quick Dispenser, smart Counterman, Display; salary required £3 5s. per week. 283/3, Office of this Paper.

C APABLE Assistant, 20 years' experience in town and country, desires good-class permanency; accurate Dispenser, good Salesman and Window-dresser; unqualified; married; sound references. "Statim," 22 Henry Street, Rugby.

C APABLE, qualified Assistant, age 23, desires permanency in the South; disengaged; reliable Dispenser and good Counterman. 287/11, Office of this Paper.

C HEMIST, 23, requires permanency; disengaged October 3; 7 years' experience; salary £3 15s.; excellent references; London or near preferred. Write Cruse, 54 Union Street, Farnborough, Hants.

C HEMIST and Dentist (retired) wants part-time or Locum employment with Chemist or Doctor near Liverpool. 284/12, Office of this Paper.

D ISENGAGED; qualified; first-class and all-round experience, rapid and accurate Dispenser; Locum, any distance or place, or part-time London district, or season Riviera; fair knowledge French and German. "Statim," 23 Torrington Gardens, N.11.

D ISPENSER; 27; qualified; 10 years' good-class experience, West End and suburbs. 28 Willoughby Road, Acton Vale, W.3.

E MLOYERS, DO I INTEREST YOU?—I have energy, adaptability, accuracy, quickness and personality, and shall require permanent managerial position in one month; M.P.S.; age 27. 284/6, Office of this Paper.

E VENINGS and week-ends; studying Part II; 24; tall; first-class Dispensing experience, country town and seaside; S.W. London preferred. 284/37, Office of this Paper.

E XPERIENCED qualified Chemist, 25, seeks further Locum engagements or permanent post; excellent references; any distance. "Locum," Longmeadow, Bakewell.

E XPERIENCED qualified Dispenser desires post in London or South of England; disengaged. 286/5, Office of this Paper.

E XPERIENCED qualified Pharmacist desires position; West-End and general London experience; age 46; excellent references; disengaged. 287/25, Office of this Paper.

G ENTLEMAN, 28, with excellent all-round experience, knowledge of Surgical Appliances, keen Salesman, capable of Organising, seeks responsible post; last post six years. "Unqualified," 285/39, Office of this Paper.

H OSPITAL Dispenser requires one or two days weekly Dispensing; thoroughly experienced; highest references. "S.," 20 St. George's Square, N.W.1.

J UNIOR; efficient Dispenser, Counterman, Window-dresser; 21; tall; passed Part I; highly recommended. Capper, c/o Woolfs, Chemists, Ramsgate Road, Margate.

J UNIOR, just finished apprenticeship, requires situation in London or Home Counties; good Dispensing, Counter and Photographic experience; satisfactory reference from present employer. "J. B.," 3 East Road, Maidenhead.

J UNIOR, 20, requires post; four years' good-class Dispensing and Veterinary experience; good reference. Machell, Egglestone Hall, co. Durham.

L ADY Assistant (unqualified); 11 years' experience; Dispensing, Counter and Window-dressing; age 26. Howell, 29 Henley Street, Stratford-on-Avon.

L ADY (Hall qualification), with good and varied experience, requires post in any capacity connected with Pharmacy, Wholesale or Retail; competent; trustworthy; good references. Anderson, 11 Westmorland Road, Harrow.

L ADY Assistant (Hall), Pharmacy trained; 7 years' London and high-class experience; excellent references. Prince, 105 Upper North Street, Brighton.

L ADY; unqualified; 12 years' experience Dispensing, Counter and Stock; free October 3. Holmes, 39 Bendemeer Road, Putney, S.W.15.

L ADY Dispenser requires position with Doctor; experienced; (Hall); Shorthand, Typewriting and Book-keeping. 286/28, Office of this Paper.

L ADY Assistant, qualified, 24, Irish, six years' Dispensing experience, desires post as Dispenser to Doctor or Hospital. 286/17, Office of this Paper.

L OCUM or permanency; 40; unqualified; tall; abstainer; L Counter, Dispensing, Photography; well recommended; now disengaged. Alexander, 189 Southampton Street, S.E.5.

L OCUM; qualified; Manager or Assistant; 6 ft.; smart appearance; abstainer; excellent references; now booking; thoroughly reliable and experienced; North preferred. J. Woodhouse, 28 Clark Street, Morecambe.

L OCUM; 20 years' experience; highest references; any distance or period; disengaged October 1. "Chemicus," 56 Rudloe Road, Balham, S.W.12.

L OCUM or Manager; qualified; competent; reliable; 20 years' West-End experience; disengaged October 12. "Pharmacist," 18 Stanway Gardens, Edgware.

L OCUM, qualified, 34, as Assistant or Manager. M. Gregory, 50 Grove Lane, Camberwell, S.E.5.

L OCUM; M.P.S.; elderly; good references; moderate terms; now disengaged. Wellburn, c/o Mrs. Brock, 10 Leylands Road, Lee, S.E.12.

L OCUM or permanency; qualified; highest references; disengaged October 12. Mole, 138 High Street, Teddington.

NAMES AND ADDRESSES.

When sending advertisements for any of the sections in this Supplement, advertisers—as a guarantee of good faith and not necessarily for publication—should always give their names and addresses. It sometimes occurs that this rule is not followed and delay and disappointment ensues. Strict attention to this detail will be appreciated.

LOCUM or Managership, with view to purchase; experienced every class of business, including Continental. Dixon, Ph.C., Uppermill, Oldham.

MANAGER or Locum; disengaged; good London experience; 48; teetotaler; good Dispensing and Counterman. "Qualified," 3 South Avenue, Brighton.

MANCHESTER DISTRICT.—Qualified, 26, desires permanency; tall; reliable and trustworthy; recommended; disengaged. "T. R. J.," 19 Holland Road, Chorlton-cum-Hardy, Manchester.

MESSRS. W. HICKMAN & CO., Dispensing Chemists, Bayswater, highly recommend their Assistant, Mr. Piper, as a thoroughly reliable man, well acquainted with all branches of the business (unqualified). Apply 28a Archer Street, W.11.

M.P.S., 23, requires permanency; energetic; competent; North or North Midlands preferred. 284/33, Office of this Paper.

M.P.S., 23, recommended, with good experience in locum or permanency at home or post abroad. 2a Henderson Avenue, Scunthorpe, Lincs.

M.P.S., 35, height 5 ft. 6 in., married, qualified ten years, present management six years, seeks sound permanency, with more scope and prospects; steady, conscientious, capable. "W.," 220 Camherwell New Road, S.E.5.

M.P.S.: age 22, quick Dispenser, good Salesman and Window-dresser; knowledge of Photography; six years' good-class experience in North and South; accustomed to taking charge; highest references; disengaged October 11. Taylor, "Coniston," 49 Albert Road, Morecambe, W.E. Lancs.

OPTICS.—Qualified Chemist, 24, seeks responsible position with Chemist-Optician; passed Parts I, III and Practical Sight-testing F.S.M.C. Examination; good references; moderate salary; free by arrangement. J. LL. Pritchard, 105 Old Ford Road, Victoria Park, N.E.

PART-TIME; qualified (lady); evenings from 6.30, week-ends from one Saturday. "Chemist," 23 Castellain Road, W.9. Telephone: Abercorn 2800.

PART TIME.—Unqualified; evenings, week-ends; ten years' West-End experience, all branches. 210/525, Office of this Paper.

PHARMACIST (lady) desires permanency; ten years' good experience; Dispensing and Counter; able to take charge; disengaged. K. Lincoln, 80 High Street, Northfleet, Kent.

PH.C., 22, seeks experience in good-class pharmacy; London or provinces; excellent references; moderate salary. 284/32, Office of this Paper.

PH.C. (Northern Ireland) desires situation as unqualified Assistant; Home County or London; 11 years' varied experience, including English; now managing branch; age 27; height 5 ft. 10 in. Lunn, 24 Parkgate Avenue, Belfast.

QUALIFIED Chemist requires permanency; free third week October; knowledge all branches pharmacy; London, sea-side and country (Veterinary) experience. 284/24, Office of this Paper.

QUALIFIED; young; free October 3; 6½ years' general experience; references. Ellis, 37 Perry Street, Wednesbury.

QUALIFIED, 23, 6 ft. 3 in., seeks post, London or provinces; useful all-round experience; disengaged. Cotter, 30 King Henry's Walk, Mildmay Park, London, N.1.

RELIABLE, efficient Assistant, aged 23; West and North-West London experience, Counter, Dispensing Photographic; has managed; free immediately. Box, 2 Craven Park, N.W.10.

SCOT; qualified; 27; abstainer; all-round experience, including managing; good references; Manager or Assistant; disengaged. "Statim," c/o Groom, 73 Malden Road, Kentish Town, N.W.5.

SOUTH OF ENGLAND.—Chemist's daughter, age 23, seeks post in pharmacy; good Dispensing and Counter work; 5 years' experience; references supplied. Replies to "J. K.," c/o British Drug Houses, Ltd.

SUPERINTENDENT-MANAGER; qualified Chemist-Optician; 49; experienced all branches, Surgical, Prescribing, etc.; disengaged; moderate salary. "Chemist," 31 Rosslyn Hill, Hampstead, N.W.3. Phone: 6407 Hampstead.

UNQUALIFIED, 25, at present holding responsible position in City, desires change of situation anywhere; references show: a profitable Salesman, experienced in Dispensing, shop routine, and can take charge. P.C.B. 49/8, Office of this Paper.

UNQUALIFIED (Part I); 24; tall; first-class Dispensing experience, country, town and seaside; Photography, Counter, Windows; disengaged shortly. 284/370, Office of this Paper.

UNQUALIFIED; 26; free October 17; 11 years' agricultural districts; now employed in London; all-round experience, including D. & P. 284/28, Office of this Paper.

UNQUALIFIED Assistant, Part I, of smart appearance, tall, age 22½, requires berth; City and Suburban experience; accurate Compounder, alert Salesman, neat Window-dresser; disengaged October 15; details on application. Walsh, 5 Sanmarz Street, Guernsey.

YOUNG, qualified, 4½ years' London, medium- and working-class, seeks permanency; London area; free now; thoroughly trustworthy. "Selo," 274/28, Office of this Paper.

YOUNG lady (Hall), Retail experience and Dispensing experience, requires post; Doctor or Chemist; quick and willing; not afraid of work. Wilson, Farm Cottage, Great Bookham, Surrey.

YOUNG lady desires post in Dispensing; (Hall); all-round experience; Brighton or near preferred. 8 Prestonville Road, Brighton.

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KEEN Salesman; single; good connection Chemists and Stores, West of England, Home Counties, Wales; first-class Retail experience; some experience Medical and Dental Propaganda. 284/36, Office of this Paper.

MESSRS. W. HICKMAN & CO., Chemists, Archer Street, W.11, can thoroughly recommend their Assistant, Mr. Piper (desirous of entering Wholesale), as an excellent Salesman, etc.; most suitable as a Representative for a good-class firm.

M.P.S., 28, good references, six years' Pharmaceutical and Analytical experience, including three years' Manufacturing home and abroad, desires post with Manufacturing House. 286/39, Office of this Paper.

PH.C. STUDENT, 23, desires position with Wholesale House; five years' experience tablet making, etc. "Thyroxin," 132 Elthorough Street, S.W.18.

PHARMACIST, calling upon Chemists, Hairdressers, Medical and Dental Propaganda, desires to represent good house; car. "Representative," 164 Clapham Road, S.W.

REPRESENTATIVE, old-established connection Chemists, Hairdressers, etc., South-West England, part Midlands, require other known lines; commission, part expenses; experience Proprietaries, Drugs, Toilets. Good, 103 Bishop Road, Bristol.

REPRESENTATIVE, with live connection of 10 years' standing in London and South of England, desires to represent house of repute; Perfumery, Toilets or Proprietaries. 284/23, Office of this Paper.

REPRESENTATIVE, covering Lancashire, Cheshire and North Wales, requires another Agency on commission. O. Young, 24 Arkles Lane, Liverpool.

REPRESENTATIVE, South-West England, requires additional lines on commission and part expenses basis. 282/40, Office of this Paper.

REPRESENTATIVE well-known Toilet house requires additional line; Proprietary or Drugs; good connection Chemists, Hairdressers and Stores, West and South England; car owner; part expenses and commission. 287/12, Office of this Paper.

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